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PART TWO The Women's College



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1922

THE HISTORY OF
THE UNIVERSITY OF
MICHIGAN

BY
J. H. HARRIS

THE HISTORY OF THE UNIVERSITY OF MICHIGAN

PART I

THE UNIVERSITY OF MICHIGAN



THE HISTORY OF THE UNIVERSITY OF MICHIGAN

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THE WOMEN'S COLLEGE

GENERAL INFORMATION

MIDDLEBURY COLLEGE was chartered in 1800 on the model of still older New England colleges and throughout its history has devoted itself strictly to college work, without professional or technical schools. It offers instruction in twenty-five departments by a Faculty of over fifty Professors, Assistant Professors, and Instructors. The degrees of Bachelor of Arts and Bachelor of Science are conferred upon the completion of a four years' course, while in both college and summer session advanced courses lead to the degrees of Master of Arts and Master of Science. A group system of elective studies is maintained.

In 1883 Middlebury College opened its doors to women, and offered to them the same courses and privileges afforded to men. In 1902 a charter was granted for an affiliated college for women, and steps have been taken toward two coördinate institutions, one for men and one for women, as fast as resources have allowed. It is believed that both men and women are better for the separate life provided by the distinct college organizations, while greater educational advantages, due to economy in instruction and administration, justify the affiliation of the two colleges in those activities and interests that are of necessity shared by men and women.

The President and Fellows of Middlebury College exercise full supervision and control of the Women's College. They are authorized to receive gifts for

scholarships and professorships for the benefit of women students, for buildings for women, and for the general purposes of the Women's College. Bequests, legacies, and gifts for the education of women in connection with Middlebury College should be made payable to "The President and Fellows of Middlebury College."

The requirements for admission to the Women's College are the same as those for men. Women are taught by the same Faculty as men, and enjoy the same privileges in the Library and Laboratories. All courses of instruction are open to them, and they have equal opportunities in every department of the College. They are accorded the degree of A.B. or B.S. upon graduation, and may attain the degree of A.M. or M.S.

The government of the College is by a Board of
 GOVERNMENT Trustees, whose corporate title is "The
 AND President and Fellows of Middlebury
 RESOURCES College." The corporation is self-perpetuating and the charter of the College contains no restrictions as to elections. The College owns buildings, equipment and grounds valued at \$868,000. The permanent endowment amounts to \$2,073,000, of which over two-thirds have been received in the past ten years. An annual appropriation of \$31,200 is received from the State of Vermont, of which \$7,200 is for scholarships. The annual expenditures for the year 1921-1922 were \$216,553.43. The College has never impaired its endowments and is not in debt. The General Education Board has pledged

\$250,000 toward a further fund of one million dollars for endowment for professors' salaries.

Middlebury is a village of 2000, beautifully situated in the Champlain Valley and equidistant from the northern and southern boundaries of Vermont. It is on the main line of the Rutland Railroad, with through trains both from Boston and New York. The College campus commands a surpassing mountain view, the Adirondacks across Lake Champlain to the west, and on the east a wide sweep of the Green Mountains, much of which is within the 30,000 acre forest preserve belonging to the College.

LOCATION
The College campus comprises 244 acres and is in four sections. The "Old Campus" of 30 acres contains the main buildings and residences for men; the Battell Campus is reserved for buildings for women; Porter Field of 79 acres comprises the athletic grounds; a fourth section, recently acquired, borders the Otter River for a considerable distance.

BUILDINGS
The College plant includes fourteen permanent buildings, besides cottages, professors' houses and smaller structures. The three oldest buildings are of gray limestone, colonial in architecture. Vermont white marble has been used in most of the more recent structures and the same classic architecture has been followed. Each building has been planned with reference to the others, with ample spaces between. The result is a pleasing harmony and a campus of exceptional beauty. Descriptions of the several buildings will be found elsewhere in this catalogue.

Middlebury College has made substantial progress in the past decade, especially in equipment and in permanent funds. Student attendance has doubled, endowments have been quadrupled and the annual income has been trebled. Among the recent buildings are: the Mead Memorial Chapel, a marble structure of great beauty and impressiveness; the Chemistry Building, affording unusual laboratory facilities for that science; and the McCullough Gymnasium, well appointed for physical education.

One of the most unique gifts to an American college was the bequest of the late Joseph Battell to Middlebury, which was received in 1916. For over forty years Mr. Battell had been acquiring forest and mountain lands in the vicinity of Middlebury with a view to the preservation of the forests and the beauty of the natural scenery of the region. His holdings amounted to about 30,000 acres along the highest ridge of the Green Mountains and included several of the higher mountains of Vermont. Most of the land is heavily wooded and will afford the College the opportunity for the practice of scientific forestry in its immediate vicinity. The value of the estate exceeds \$400,000.

A more recent bequest is that of Dr. Henry Freeman Walker of the Class of 1860, of \$100,000 for the establishment of a "Furlough and Emergency Fund," the income of which is to be devoted to the needs of the Faculty in providing for occasional periods of rest, recreation or study,

and in relieving the more immediate exigencies of sickness. By the will of the late Mrs. Russell Sage the College has received \$100,000. A fund of \$10,000 was established in 1918 and increased to \$60,000 in 1920 to be known as the "Fletcher D. Proctor Fund for American History," the income of the investment to be applied toward the payment of the salary of a professor to teach American History.

Middlebury College is non-sectarian, having never had official connection with any church. The religious founders, however, were men of deep piety, and a tradition of earnest religious faith and sincere moral purpose was early established, which it is the desire of the College to foster. Student religious organizations are maintained, with an active Sunday Noon Club. A chapel service is held each week-day at 10 A.M. and a vesper service on Sunday at 5 P.M. All students are required to attend unless excused for urgent cause. These services are conducted by the President, and men of eminence in various denominations preach at the Sunday vesper service. The music is in charge of the Head of the Music Department. The vested choir is composed of twenty-four students, chosen by competition.

A sufficient appropriation is provided to bring to the students of the College at a very low cost an annual series of lectures, recitals, and concerts of the highest rank. The program for the current year includes a concert by The Flonzaley Quartet, recitals by Harold

Bauer, Reinald Werrenrath, and Albert Spalding, and a play by the Players of the 47 Workshop at Harvard.

The Summer Session has brought the College an enviable reputation for its distinctive work. THE MODERN LANGUAGE SCHOOLS The permanent connection with the College of the Deans of the French and Spanish Schools now makes it possible for undergraduate students to benefit by the advantages these schools have introduced into language teaching. With the establishment of the Maison Française, and of the Casa Española, the French School and the Spanish School have been continued throughout the college year, and although primarily graduate schools of French and Spanish, the benefit of their courses and the conversational advantages provided at the French and the Spanish Dining Halls may be enjoyed by properly qualified students of the College.

The specialty of Middlebury is not a department of MIDDLEBURY'S SPECIALTY study, but a type of student. The location of the College in a frugal agricultural region favors economy. For over a century she has sought out particularly the youth from the quiet homes of northern New England and surrounded them with encouragement to modest living while engaged in the pursuit of knowledge. By resolute endeavor college expenses have been kept low. Students who have to work their own way are especially encouraged, in the belief that such students furnish the most healthful tone to an institution of learning. Those who can afford more than Middlebury exacts are invited

to consider the advantages to character which come from such an atmosphere in the formative period of life.

Since no two women are alike, each student needs the particular care and oversight of her instructors during her entire college course. With a small student body and an ample number of professors such oversight is possible, and the unusual success of Middlebury's graduates is believed to be due to its maintenance. For the more certain continuance of this success, the College reserves the right to request the withdrawal, even though no specific charge is made against her, of any student whose presence is considered detrimental to its welfare.

INDIVIDUAL TRAINING

HEALTH MEASURES

The College aims to investigate and care for the health of each student. The Department of Physical Education commands the services of an instructor for the women. The attendance of Freshmen is required at such lectures on personal hygiene as may be announced by the Director of Physical Education. Every Freshman is given a thorough physical examination, which may be repeated at the discretion of the Director; measurements and records are kept, corrective exercises are prescribed where needed, and students are encouraged to organize and carry on a great variety of out-of-door sports under the general charge of the Directors. The importance to the student of laying a sound physical foundation during the years of the college course cannot be over-estimated, and the College reserves the right to ask the withdrawal of any student whose physical condition is unfit.

The desirability of carefully mapping out one's life work is impressed upon all students, and college instructors give freely of their time and advice in aiding students to a wise arrangement of their studies. The first object of a college course should be that development of mind and personality which will enable one to lead a life of greater usefulness; but success is more likely to attend the student who, in seeking that development, strives to fit herself for some particular field of service. The field of opportunities for women has broadened considerably during the last few years, and many college students who would once have gone out to teach are now looking toward such professions as extension work in Home Economics, dietetics, or tea room and cafeteria management; some form of journalism; secretarial or statistical work; scientific work; medicine or nursing; social or religious work, and many others. The Dean of Women and her secretary are glad to help the students at any time with suggestions or advice along these lines, and desire to confer with each girl sometime during her college course. For the convenience of our students, several special programs of study have been organized preparatory to those employments which the majority of Middlebury College graduates enter. A bulletin entitled "Programs for College Students" will be sent upon request.

The students of the Women's College of Middlebury have been self-governing since January 5, 1912. The object of this Association is to control the conduct of the women in all matters of their college life which are not under direct jurisdiction of the Faculty;

STUDENT
GOVERN-
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to foster the spirit of unity among them; to increase their sense of responsibility toward each other; and to maintain the social standards of the College.

All women registered as students in the Women's College of Middlebury become members of this Association upon reading and signing the Constitution and By-Laws. The act of signing the Constitution and By-Laws is an agreement to accept the principles, rules, and regulations of the Student Government Association. By signing them the student pledges herself to responsible membership in the community and to subordination of personal interests to the general good.

ADMISSION

GENERAL INFORMATION

STUDENTS are admitted to Middlebury College either by certificate or by examination. Application should be made to the Dean of Women. After applications have been received the necessary blanks for admission by either method will be sent. Certificates are always sent to the principal of the school; other blanks are sent to the applicant.

CERTIFICATION

REQUIREMENTS FOR CERTIFICATION

For admission by certificate 15 points or admission credits are necessary. A point is a preparatory school subject pursued one year with five recitation periods a week except in English where 3 points are given for 4 years' work. These preparatory school subjects are, for purposes of admission to college, grouped under three heads: required points, optional points, and free choices.

I. Required points:

- a. Of all students, English, 3 points; Algebra, 1 point; Geometry, 1 point.
- b. Of A. B. students, Latin, 4 points, or Greek 3 points.
- c. Of B. S. students, Foreign language, 2 points.

II. Optional points:

Three points from the following groups of options are to be chosen by both A. B. and B. S. students.

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Group 1.	Group 2.	Group 3.
<i>Languages</i>	<i>History and Socia. Science</i>	<i>Science</i>
Latin	Ancient History	Mathematics
Greek	Medieval European	Chemistry
French	History	Physics
German	Modern European His-	Biology
Spanish	tory	Physiology
	English History	Physiography
	American History	Botany
	Bible	Zoology
	Civics	Drawing
	Economics	
	Social Science	

III. Free choices:

The remaining points are to be chosen from any subjects taken in the preparatory school and not already used in making up the required and optional points.

ELIGIBILITY FOR CERTIFICATION

Students in New England from schools upon the approved list of the New England College Entrance Certificate Board will be admitted on certificate of their high school principals. *No total certification for less than eight points will be considered*, but the eight points need not all be from the same school.

Schools not upon the approved list of the Certificate Board, but meeting its requirements in respect to curriculum, teaching staff and equipment, may, for the purpose of showing their standard of certification, send one or more students on certificate, if arrangements for so doing are concluded with the Board before April 1. Inquiries on this subject may be addressed to Dean Frank W. Nicolson, Secretary of the Board, Wesleyan University, Middletown, Connecticut.

Students outside of New England from schools upon the approved list in their respective states will be ad-

mitted on the same basis as those from approved schools in New England.

Students who have passed the examinations of the Board of Regents of the State of New York will be credited upon certificate for all such courses.

ENTRANCE CONDITIONS

Owing to the necessity for restricting the number of entering students because of the over-crowded condition of the college, the preference will be given to those entering without conditions, but students otherwise highly recommended, may, if there is a place for them, be admitted conditioned not more than three points. Not more than one of these conditions may be in required subjects, and not more than two in optional subjects. But no conditions will be allowed in required subjects in which the candidate has no preparatory school record; except that a student with an exceptional scholastic record who has had no modern language may enter conditioned up to two points therein, provided he begins the study of a modern language in college.

Students entering by this method may matriculate conditioned three points. Not more than one of these conditions may be in required subjects and not more than two in optional subjects; but no conditions will be allowed in required subjects in which the candidate has no preparatory school record.

The methods by which entrance conditions may be removed are as follows:

a. By examination. The regular entrance examinations of June and September furnish convenient op-

portunities for those wishing to avail themselves of this method.

b. By an average of 80 per cent in all the work of either semester of the Freshman year, which will remove entrance conditions not exceeding two points for each semester, provided the student's grade in no subject falls below 70 per cent.

c. By the operation of the following rule: Entrance conditions remaining at the opening of a student's second year will be cancelled by deducting three credits from her college record for each unit or fraction thereof; but this shall not be construed as prejudicing any work that she may have done toward satisfying major and minor requirements, or in meeting her prescribed courses. After the opening of her second year, no student may take an examination to remove entrance conditions.

Students who have only partial certification totaling eight points or more may make up deficiencies by examinations covering the points in which they are not certified; or they may enter wholly by examination.

SPECIAL CERTIFICATION

Students who have graduated from any approved high school in the first third of the class and whom their principals will certify upon the general record of their courses rather than in individual subjects may be admitted provided they have satisfied the required points as stated above for entrance upon the work of either degree. A detailed statement of the high school course will be accepted in each case by the Admission Committee as satisfying the remaining points up to fifteen provided it shows that the student has included

in her course the following list of subjects or their equivalents: 4 years of English; 2 years of Mathematics; 2 years of a foreign language, 1 year of History, 1 year of Natural Science. No conditions will be allowed.

EXAMINATIONS

STUDENTS desiring to make up deficiencies in certification by examination or to enter by examination alone may make use in the spring of the examinations given by the College Entrance Examination Board. The College itself gives no spring examinations. All applications for Board Examinations, which will be held in June, 1923, must be addressed to the Secretary of the College Entrance Examination Board, 413 West 117th Street, New York, and must be made upon a blank form to be obtained from the Secretary of the Board, for examination at points in the United States on or east of the Mississippi River. The examination fee is \$9.00.

In the fall, examinations will be given by the College. It is understood, however, that students applying for fall examinations will have their names placed upon a waiting list, and that if they pass the examination, they will be admitted provided the quota of freshmen for the year is not completed. Students desiring these examinations (1) must present evidence of an approved school course satisfactorily completed, and (2) must show in four examinations that their scholarship is of satisfactory quality.

THE SCHOOL RECORD

An official detailed statement must be presented to the Admission Committee showing that the candidate

has satisfactorily completed an approved secondary school course and that this course has included the following list of subjects or their equivalents: 4 years of English, 2 years of Mathematics, 2 years of a foreign language, 1 year of History, 1 year of Natural Science. This statement should include a recommendation of the candidate for the examinations signed by the principal or his accredited representative.

THE EXAMINATIONS

If the candidate's school record is satisfactory, she may present herself for examination in four subjects, as follows:

1. English.
2. Latin or Greek, if an A.B. student; Mathematics, if a B.S. student.
3. Two other subjects chosen from the following groups but not from the same group.

Group 1.

Languages

Latin
Greek
French
German
Spanish

Group 2.

History and Social Science

Ancient History
Medieval European
History
Modern European History
English History
American History

Group 3.

Science

Advanced
Mathematics
Chemistry
Physics
Biology

The scope of these examinations is as follows: English, 4 years; Latin, 4 years; Greek, 3 years; Mathematics, 2 years; optional subjects, Language, a minimum of 2 years; History and Science, a minimum of 1 year; Mathematics, a minimum of half a year.

Under this plan no entrance conditions can be incurred; either the candidate will be admitted without

conditions, or she will be refused admittance. Her total record, including both her school record and the result of her examinations, must clearly show that she is a desirable student. In order to assure this, each person who examines the papers of any candidate will be furnished with a copy of the candidate's school record and will return to the Admission Committee with the candidate's paper a judgment upon it, in which the candidate's school record is taken into account. As the examinations and the school record furnish the Admission Committee with the data necessary for estimating the candidate's ability at a certain time to do college work, she will under ordinary circumstances not be allowed to repeat the examinations until sufficient time has elapsed to assure her improvement by further study; nor will she be allowed to distribute the examinations over an extended period of time. For the same reason, if she finds it necessary to repeat the examinations, all of them must be repeated. So many factors must be considered, of which the examinations are only one, that no record in individual examinations will be given out. The student stands or falls upon the record as a whole.

ADVANCED STANDING

A CANDIDATE for admission to advanced standing who comes from an approved institution of collegiate rank may receive credit, without examination, for work done at such institution, if she presents a detailed statement of her previous work. This statement should include a full list of preparatory subjects accepted for admission by the institution previously attended, and also a list of the subjects taken there for which credit has been

attained. A letter of honorable dismissal from the institution last attended also must be presented, and no student who has been separated from another institution for reasons of scholarship will be granted any academic favor that would not be extended by the institution from which she has been separated.

All students transferring from another institution will be listed as unclassified for their first semester. At the close of this period their credits will be adjusted and it will be understood that in making the adjustment the quality of the work done during the preceding semester will be taken into consideration.

Every other candidate for admission to advanced standing must first satisfy the entrance requirements of the course which she desires to enter. Such students will be required to pay a fee of \$5 if admitted to the Sophomore class, or \$10 if admitted to higher rank. Students who have gained credits toward admission to college in any study which is offered in the curriculum will ordinarily be required to elect some other study in its place. This may be an advanced course in the same department or a course in some other department.

A Freshman who is admitted to college without a condition may request of the Registrar, within two weeks of the time when she registers, that she be given an examination for college credit in any subject of the Freshman year. If she passes such an examination with a grade of 75 per cent, credit will be allowed for the course toward either degree. A student who passes any subject in this manner will be required to carry the normal number of recitations a week from the studies open to election by her class.

A student satisfying her instructor of her fitness to do

so, may take a qualifying examination in any subject of the Freshman year, which, if passed, will be accepted as prerequisite to the succeeding course, but will not entitle her to college credit for the examination so passed. An examination in Mathematics or Latin so passed will apply toward meeting the mathematical or classical requirement for a degree.

THE COLLEGE CURRICULUM

BACCALAUREATE DEGREES¹

MIDDLEBURY COLLEGE confers the degrees of Bachelor of Arts and Bachelor of Science in accordance with the following regulations:

Every candidate for the degree of Bachelor of Arts shall before graduation complete a major in either Group One or Group Two, a minor in each of the two groups in which she does not major, one year of English, and two years of Greek or Latin.

Every candidate for the degree of Bachelor of Science shall before graduation complete a major in either Group Two or Group Three, a minor in each of the two Groups in which she does not major, one year of English and two years of Mathematics.²

REGISTRATION

EVERY student must register her election of courses before the beginning of each semester, at dates which are announced in advance. Upon the payment of her semester bills, admittance cards are issued to the courses elected. No student will be enrolled in any course until the instructor in charge receives a card from the Registrar admitting her to that course.

ADVISERS

To give students that individual assistance which is necessary to a wise selection of courses, and to prevent

¹The regulations governing the attainment of the degrees of Master of Arts and Master of Science will be found in pp. 93-95.

²Any B. S. student may substitute Physics 1-2 or a second year of some other science for the second year of the Mathematics requirement.

errors, all elections made by students must be endorsed by an Adviser. This must be done before the Registrar will issue Admission Cards to the courses.

ORGANIZATION OF COURSES

IN explanation of the requirements, it should be noted that the courses of instruction offered by Middlebury College are organized in departments. These Departments are arranged in three groups, as shown in the following table:

<i>Group One</i>	<i>Group Two</i>	<i>Group Three</i>
English	Economics	Biology
French	Fine Arts	Chemistry
German	History	Drawing and Surveying
Greek	Music	Geology
Latin	Pedagogy	Home Economics
Spanish	Philosophy	Mathematics
	Physical Education	Physics
	Political Science	

Most of the courses of instruction offered in the various departments are lettered A, B, or C. These letters refer to the evaluation of the courses so lettered in completing *major* and *minor* requirements; admission to courses of advanced grade is gained only by completing one or more appropriate courses of more elementary grade which are designated *prerequisites*.

PROGRAMS OF STUDY

STUDENTS who come to college for definite preparation in a special field of work may elect one of the special-four-year programs¹ that have been arranged in

¹The details are given in a bulletin, "Programs for College Students," which will be sent upon request.

EDUCATION

BUSINESS, LAW AND POLITICAL SCIENCE

PRE-MEDICAL AND PHYSICAL EDUCATION

SOCIAL AND RELIGIOUS SERVICE

CHEMISTRY AND CHEMICAL INDUSTRY

ENGINEERING AND FORESTRY

These programs are arranged to meet all the graduation, major, minor, and distribution requirements. The choice of one of these programs, therefore, will simplify the election of courses for any student whose needs they meet. A student, however, is not required to elect one of the special programs but may follow the general requirements for the election of studies if she prefers.

FRESHMAN YEAR

EVERY candidate for the degree of Bachelor of Arts is required to begin her classical requirement for graduation in the Freshman year. This is Latin 1-2, or Greek 1-2, or Greek 13-14. Every candidate for the degree of Bachelor of Science is required to take Mathematics 1-2 or 1b-2b in the Freshman year. All Freshmen must complete the requirement of fifteen hours a week by electing from the courses open to their class. Students in the first semester of the Freshman year are limited to five courses, double courses in language counting as two.¹ Freshmen in the first semester may take practical work in music, but without college credit. To take six courses in any subsequent semester a student must have attained an average of 75 per cent in the courses of the previous semester; to take seven courses she must have obtained an average of 80 per cent.

¹ A. B. students who begin a modern language in college may be allowed to elect four courses besides the modern language at the discretion of the chief adviser.

ENGLISH REQUIREMENT

ALL Freshmen not making 80 per cent in their composition work in Freshman English shall be required to take in the first semester of the sophomore year a course in Composition. If they do not then make 80 per cent they shall be required to take an additional course in the second semester of that year. If they do not make 80 per cent in this semester, they shall be considered as under a special censorship in English during the remainder of their college course, and their formal papers in all subjects shall be turned over to the instructor in Composition for inspection.

MAJORS AND MINORS

BEFORE the completion of her Freshman year, every student is expected to determine in a general way the subjects of study which she intends to pursue during the remainder of her college course. The fields which have a special interest for her she indicates by registering her choice of *one major* and *two minors* to be completed before she graduates.

A major may be defined as a subject which a student elects to pursue in college through six lettered courses (18 hours) of one department, of which not more than two courses may be of A grade and not less than two shall be of C grade. A few courses may be counted toward fulfilling requirements in either of two departments. These are specified in the descriptions of such courses.

A minor consists of a subject which a student elects to pursue in college through four lettered courses (12

hours) of one department, of which not more than two courses may be of A grade. Lettered courses that have been taken in the Freshman year may be counted toward fulfilling major and minor requirements.

DISTRIBUTION OF WORK

WHILE the selection of major and minor subjects enables each student to concentrate her attention upon those fields which have particular interest for her sufficiently to secure in them a higher degree of attainment than in others in which specialization does not proceed so far, she should be equally solicitous of securing a sufficient distribution of electives to obtain for herself that variety of interests and breadth of view which graduation from a college of liberal arts implies.

To accomplish this, a distribution requirement is operative which makes it necessary for each student to complete not less than six courses in each of the three groups and does not permit her to count towards a baccalaureate degree more than twenty courses (one-half of her entire course) in any one group. This regulation, however, does not restrict qualified students from taking extra courses in a group, either for honors or to apply towards a Master's degree.

ELECTIVE COURSES

THE major and minor requirements involve less than one-half of the total number of credits required for graduation and permit the student, therefore, a wide range of free electives. The remaining credits necessary for graduation may be obtained by completing any of the courses, within the limits of the distribution rule

described above, which are open to election by the class of which the student is a member. With few exceptions, courses are open to election by two classes and a large number may be elected by three classes. A few courses are unlettered; these may be chosen in the years designated and will be counted for credits toward graduation like other courses, but may not be counted toward fulfilling major and minor requirements except by special permission of the Curriculum Committee. Before registering, a student should consult carefully the hours at which the different courses are scheduled to recite.

No change of studies will be allowed during the first week of class-room work except by permission of the Chief Adviser. After the first week of class-room work, no change may be made except by permission of the Chief Adviser and the instructors involved, and upon payment of a fee of \$1.00 to the Registrar at the time the change is made. After the second week of class-room work, no change may be made except within a department and upon the initiative of the instructor.

RECITATION REQUIREMENTS

THE student's work is estimated in hours and credits. An hour means one period of class work per week for one semester. Laboratory courses require double periods but are rated the same as recitation courses. The normal number of courses of study required of each student is five.¹ The circumstances under which

¹In the case of students beginning French or Spanish this is reduced to four, since beginners' courses in these languages recite six instead of three times per week.

more or less than this number may be taken are explained elsewhere. All courses, unless otherwise stated, are conducted three hours a week, so that the normal amount of class-room work required is fifteen recitation hours a week, exclusive of preparation.

While the amount of time required for thorough preparation differs in different studies and for different students, every student should allow two hours of time for the preparation of each hour of recitation, except in laboratory courses, and the best results of collegiate training cannot be expected from less.

REQUIREMENTS FOR GRADUATION

WHEN satisfactorily completed, each hour of recitation a week for each semester counts one credit toward graduation. One hundred and twenty credits of appropriately selected work, exclusive of that required by the Department of Physical Education for Freshmen, must be completed for the attainment of either of the baccalaureate degrees.

In the last semester of her course a student may have permission, at the discretion of the Chief Adviser, to take one more course than the number to which she is entitled by her grades, if necessary to complete 120 points in that semester. Previous to that semester seven is the highest number of courses that may be taken at one time. Students are charged \$15 a semester for each extra course.

DEPARTMENTS AND COURSES OF INSTRUCTION

EACH course, unless otherwise specified, meets three times a week. The Arabic numerals preceding the courses indicate the registration number of the courses in 1922-23. Courses bearing odd numbers are given in the first semester, those bearing even numbers in the second. The capital letter following the title of a course indicates the grade of that course.

Unlettered courses cannot be counted toward the completion of majors and minors except by special permission of the Curriculum Committee. Prerequisite courses are shown in parentheses. A hyphen between two course numbers signifies that both are prerequisite. *Bracketed courses are not given in the current year.* Not more than two courses in one department may be taken at the same time except by permission of the Administration Committee. Freshmen may not take more than one course in English in each semester. In any modern language, students of any class will be assigned to those courses for which, in the judgment of the instructor, they are best fitted.

BIBLE STUDY

Professor BURRAGE

Professor HARRINGTON

See Greek 1-2 and History 15-16.

BIOLOGY

Professor MILLS

Professor LONGWELL

Professor TERRY

1, 2. GENERAL BIOLOGY. A

A general cultural course dealing with fundamental biological laws and the interrelations of plants and animals. A part of the laboratory work of the fall and spring months will be done out of doors.

Laboratory fee, \$5 for each semester.

Professor MILLS.

3, 4. STRUCTURAL AND SYSTEMATIC BOTANY. B

Intended as a general cultural course, showing the vital importance of botany to modern life; also as a preparation for teaching botany. Includes a survey of the plant kingdom beginning with the lower forms. (Biol. 1-2.)

Laboratory fee for each semester.

Professor MILLS.

5, 6. COMPARATIVE ANATOMY OF VERTEBRATES. B C

This course offers to the general and the pre-medical student a comprehensive knowledge of vertebrate structure, with special reference to man, together with adaptions and evolution. Dissection of selected examples. (Biol. 1-2.)

Laboratory fee, \$5 for each semester.

Professor LONGWELL.

7. GENERAL BACTERIOLOGY. C

A general knowledge of bacteria and technic for the study of species. Laboratory exercises introduce students to methods of investigating bacteria. (Biol. 1-2.)

Laboratory fee, \$5.

Professor LONGWELL.

8. PUBLIC HEALTH AND SANITATION (Applied Bacteriology). C

Practical application of bacteriology to problems of personal and public health and to sanitation. Communicable diseases. Laboratory exercises include diagnostic methods, bacteriological examination of milk and water.

Laboratory fee, \$5.

Professor LONGWELL.

9, 10. EMBRYOLOGY AND HISTOLOGY. C

A study of the development of the human body. It treats of the reproductive cells, maturation, fertilization, cleavage, and the development of the principal organs. The laboratory work consists of practical histological technic, a study of the elementary tissues, early stages in the development of the chick, dissection and study of the later embryonic stages of the pig. (Biol. 6.)

Laboratory fee, \$5 for each semester.

Professor LONGWELL.

11. PLANT HISTOLOGY. C

Tissues and tissue systems of spermatophytes. Principles and methods of killing, fixing, imbedding, sectioning, staining and mounting. (Biol. 3-4.)

Laboratory fee, \$5.

Professor MILLS.

12. PLANT PHYSIOLOGY. C

A course for students who expect to teach botany or pursue work in agriculture, forestry, or plant pathology. (Biol. 3-4.)

Laboratory fee, \$5.

Professor MILLS.

13, 14. PHYSIOLOGY AND HYGIENE. B C

These courses offer a practical knowledge of the functions of organs in the human body. First semester: Chiefly, the physiology of the circulation, digestion and excretion. Second semester: Chiefly, the neuro-muscular mechanism and general metabolism.

Both courses designed for the general student and for those interested in dietetics, physical education and medicine. (Desirable antecedents: Biol. 1-2, Biol. 6, Chem. 1-2.)

Laboratory fee, \$5 for each semester.

Professor LONGWELL.

16. GENETICS. C

Theories of organic evolution; the principles of variation, se-

lection, and heredity; the material basis of heredity; Mendelian inheritance and the application of its principles in animal and plant breeding and eugenics. (Biol. 3-4 or 5-6: Permission of instructor.)

Professor MILLS.

18. PRINCIPLES OF FOREST MANAGEMENT. C

An introduction to the study of forestry and forest management. The silvicultural systems of management and the methods of regulating the yield in order to obtain a continuous production of forest crops. Methods of forest valuation. The practice of forestry in Europe and America. The organization of the United States Forest Service and its administration of the National Forests. State and private forestry in this country.

Professor TERRY.

CHEMISTRY

Professor VOTER

Professor DAVIS

Assistant Professor KLEINSPEHN

1, 2. GENERAL CHEMISTRY. A

Introduction to the fundamental principles of general chemistry with the preparation and study of the elements and their more common compounds in the laboratory.

Laboratory fee, \$16 for the year and breakage.

Professor VOTER.

3, 4. QUALITATIVE ANALYSIS. B

Lectures on the applications of Physical Chemistry to Qualitative Analysis and discussions of the scheme. Laboratory work in the complete analysis of unknown solutions and solids, including salts, alloys and minerals. (Chem. 1-2.)

Laboratory fee, \$16 for the year and breakage.

Assistant Professor KLEINSPEHN.

5, 6. QUANTITATIVE ANALYSIS. C

Laboratory work and lectures dealing with the general methods of Quantitative Analysis, gravimetric, volumetric, and electrolytic. (Chem. 3-4.)

Laboratory fee, \$16 for the year and breakage.

Professor VOTER.

[7, 8. INDUSTRIAL CHEMISTRY. C]

Lectures on the principal chemical industries, such as fuels, acids, gases, coal tar, etc. A study of the chemical reactions and apparatus used on a commercial scale. No laboratory work. This course alternates with Chem. 13-14. (Chem. 5-6, 9-10.)

Laboratory fee, \$6 for the year

Professor VOTER and Assistant Professor KLEINSPEHN.

9, 10. DESCRIPTIVE ORGANIC CHEMISTRY. C

Lectures on the carbon compounds. The methods of synthesis, properties, structure, industrial application, and physiological action of the more important members of the different homologous series are studied in detail. Laboratory work during the year. (Chem. 3-4, at least simultaneously.)

Laboratory fee, \$20 for the year and breakage.

Professor DAVIS.

11, 12. ADVANCED ORGANIC CHEMISTRY AND ORGANIC PREPARATIONS. C

Advanced lectures on the carbon compounds and the principles of organic synthesis. Laboratory work in the preparation of typical organic compounds. Ultimate analysis. (Chemistry 9-10 and 5-6, at least simultaneously.)

Laboratory fee, \$20 for the year and breakage.

Professor DAVIS.

13, 14. PHYSICAL CHEMISTRY. C

Lectures on the laws and theories of gases, liquids, solutions, solids, thermochemistry, electrochemistry and phase rule, including a brief survey of historical and inorganic chemistry.

Laboratory work consists of the study of physico-chemical methods as related to the subject matter of the lectures. This course alternates with Chem. 7-8. (Chem. 3-4.)

Laboratory fee, \$10 for the year and breakage.

Assistant Professor KLEINSPEHN.

[21, 22. BIOLOGICAL CHEMISTRY. B]

Lectures and laboratory work. A brief survey of Qualitative Analysis, Descriptive Organic and Biological Chemistry. This course is designed especially for students who wish to specialize in the Department of Home Economics. (Chem. 1-2.)

Laboratory fee, \$16 for the year and breakage.

Professor DAVIS and Assistant Professor KLEINSPEHN.

CONTEMPORARY CIVILIZATION

PROFESSOR KINGSLEY

PROBLEMS OF CONTEMPORARY CIVILIZATION

Contemporary civilization is not a department of the College, but a survey course, which each Freshman is required to take in order to become more familiar with the problems confronting our civilization. The College is convinced that each college student should know the great problems facing the present age and should know the different theories set forth as possible solutions. During the course about one hundred problems in economics, sociology, science, and education, will be considered. The conclusions reached in this course will not be final for it is not intended that the student shall feel that she has yet learned sufficient knowledge to have a definite and final solution in mind. It is intended that the student will be impressed with the needs of her gen-

eration and that she will prepare her education and her life to perform intelligently her duties as a citizen and a member of society.

DRAWING AND SURVEYING

Professor SWETT
and Assistant

1, 2. MECHANICAL DRAWING. A

Lettering; applied geometry; orthographic projection; developed surfaces and intersections; pictorial representation; working drawings; technical sketching; tracing and blue-printing.

Instrument fee, \$4 for the year.

3, 4. DESCRIPTIVE GEOMETRY. B

Problems relating to lines and planes; to single curved, double curved, and warped surfaces; intersection of solids. (D. and S. 1-2, permission of instructor.)

Instrument fee, \$4 for the year.

[3a, 4a. MECHANISM, AND ENGINEERING DRAWING. C]

Motions and forms of various mechanisms occurring in machines; gear-teeth and the design of valve gears for steam engines. The drawing includes practical problems supplementing the mechanism, also machine drawing. (D. and S. 1-2.)

Instrument fee, \$4 for the year.

5, 6. SURVEYING AND TOPOGRAPHY. B

Lectures, field work and drafting. Use, adjustment, and care of instruments; surveying methods; computations; plotting; topographical drawing; military map making and sketching. (D. and S. 1-2, and Trig.)

Instrument fee, \$2 for the year.

7, 8. ADVANCED SURVEYING. C

Methods of topographic and geodetic surveying; mathematics of curves, with application to highways and railroads. (D. and S. 5-6.)

Instrument fee, \$2 for the year.

NOTE. Students who expect to take a course in a school of technology after graduation should consult Professor Swett in regard to their election of subjects.

ECONOMICS

Professor MACDONALD

Mr. WILLIAMS

1. PRINCIPLES OF ECONOMICS. A

An introductory course giving a systematic survey of the general field of economics. Basic concepts; characteristics of the present economic system; the production and consumption of wealth; exchange; value and price; money and banking; international trade.

Mr. WILLIAMS.

2. PRINCIPLES OF ECONOMICS. B

Continuation of Course I in the second semester. The distribution of wealth; rent, wages, interest, profits; socialism; selected economic problems; taxation and public expenditures.

Mr. WILLIAMS.

5. PUBLIC FINANCE. C

Government receipts and expenditures; taxation; public debts; financial administration. (Econ. 1-2.)

Courses 5 and 7 are given in alternate years.

Professor MACDONALD.

[7. RAILROAD TRANSPORTATION. C]

The mechanism of the railroad; the present railroad system in the United States; railroad securities; rate-making; the

freight, passenger, express, and mail service of the railroads; pooling and inter-railway agreements; railroads and the State; present problems. (Econ. 1-2.)

Courses 7 and 5 are given in alternate years.

Professor MACDONALD.

11. MONEY AND BANKING. B

Functions of money; the monetary system of the United States; money and prices; functions of the bank; foreign exchange; foreign banking systems; the Federal Reserve System. (Econ. 1-2.)

Professor MACDONALD.

12. CORPORATION FINANCE. C

The business corporation; promotion; sources of corporate funds; investment of capital funds; dividends, surplus and reserve accounts; financial abuses; receivership. (Econ. 1-2.)

Professor MACDONALD.

14. MARKETING. B

A survey of marketing methods and problems. Raw materials; various types of middlemen; defects in the marketing of raw materials; marketing of manufactured goods; the wholesale and retail trade; sales management; price policies, brands and trade marks; advertising. (Econ. 1-2.)

Courses 14 and 18 are given in alternate years.

Professor MACDONALD.

[18. ACCOUNTING. B]

The fundamentals of accounting: interpretation of debit and credit; the operating statement; content of common accounts; the principles of bookkeeping method; corporation accounts; interpretation of financial statements. (Econ. 1-2.)

Courses 18 and 14 are given in alternate years.

Professor MACDONALD.

21. SOCIOLOGY. B

Basis of society; social evolution; social institutions; social control; modern social problems. (Econ. 1-2.)

Professor MACDONALD.

22 LABOR PROBLEMS. B

Labor organizations; protective legislation for employees; conciliation and arbitration; woman and child labor; the sweated industries; immigration; unemployment. (Econ. 1-2.)

Professor MACDONALD.

NOTE. Students desiring to major in this department may arrange with the instructor for special work in connection with courses 11, 14, 18, and 22, which will enable any of them to be counted as C grade.

ENGLISH

Professor CADY

Professor SKILLINGS

Professor DAVISON*

Assistant Professor PERRIN

Mr. HUGGARD

Mr. WRIGHT

1, 2. FUNDAMENTALS OF LITERATURE. A

An introductory course in the study of the fundamental ideas with which the modern writers of English literature have been concerned, with attention to written and oral composition. Prerequisite to all other courses in the Department.

Professor CADY, Professor SKILLINGS, Assistant Professor PERRIN, Mr. HUGGARD.

3, 4. NINETEENTH CENTURY POETRY. B

Courses in the chief poets from Wordsworth to Tennyson. (English 1, 2.)

Professor SKILLINGS.

7, 8. AMERICAN LITERATURE. C

A study of the main currents of literary thought in America, with special emphasis on selected works of the major writers of the nineteenth century. (English 1, 2.)

Mr. HUGGARD.

*On leave.

9, 10. SHAKESPEARE. C

A study of all the plays of Shakespeare. (English 1, 2.)
Professor CADY.

11. THE ENGLISH LANGUAGE. C

A course intended to quicken interest in the mother tongue. Such topics are treated as the growth of the language, points of modern usage, word study, the language as reflecting the genius of the English-speaking peoples, and American English. (Any two courses above grade of A.)
Professor SKILLINGS.

12. CHAUCER AND HIS TIME. C

The main emphasis of study will be on Chaucer as the first great type in English poetry. (Any two courses above grade of A.)
Professor SKILLINGS.

15, 16. FUNDAMENTALS OF COMPOSITION. B

A course intended by frequent practice in writing to establish clear and accurate habits of expression. (English 1, 2.)
Assistant Professor PERRIN.

17, 18. BUSINESS COMMUNICATION. B

Practice in various types of business letters and reports, small circulars, advertisements, propaganda articles. (English 1, 2.)
Assistant Professor PERRIN.

19, 20. CREATIVE WRITING. C

An opportunity for students with considerable facility and interest in writing to express themselves under guidance in the various literary forms; verse, essay, short play, short story. (By permission.)
Assistant Professor PERRIN.

21, 22. SPEAKING. B

A study of the principles of effective speaking, with drill in the preparation and delivery of practical speeches. (English 1, 2.)

Mr. WRIGHT.

27, 28. MODERN DRAMA. C

A study of the development of the drama in Europe and America since Ibsen. (Any four courses in English.)

Professor CADY.

29, 30. THE ENGLISH NOVEL. C

The art of prose fiction is studied in representative English novelists from Scott to the present. At least one work of each of the masters of fiction is read. (Any four courses.)

Professor SKILLINGS.

33. HISTORY OF ENGLISH DRAMA. C

A history of the English drama from the beginning to 1890. (Over 85 per cent in English 9 and 10 or English 27 and 28.)

Professor CADY.

FINE ARTS

Professor SANFORD

Professor BURRAGE

1. GREEK ART.

Instruction is given by lectures and stereopticon talks, supplemented by extensive reading on the student's part. Written tests come every two weeks. The art and civilization of Assyria, Egypt, and other nations whose work had a formative influence on the Greeks are treated extensively by way of introduction to Greek art proper.

Professor BURRAGE.

2. ROMAN, MEDIEVAL AND MODERN ART.

The buildings and statuary of Ancient Rome and its Colo-

nies. Outlines of architecture, sculpture, and painting through the early Christian, Byzantine, Romanesque, and Renaissance Periods. Tendencies in architecture, sculpture, and painting at the present time. Instruction by lectures and stereopticon talks.

Professor SANFORD.

THE FRENCH SCHOOL

Professor WILLIAMSON DE VISME, Dean

Assistant Professor RENÉ HARDÉ

Madame WILLIAMSON DE VISME

Mademoiselle MARIE BIDEAUD

1a, 2a. BEGINNERS' FRENCH.

A careful drill in pronunciation, elementary syntax, reading and conversation. Special attention to Phonetics as a foundation for further study of the language. Six hours a week.

Professor DE VISME.

3, 4. INTERMEDIATE FRENCH. A

General review course: grammar, dictation, reading. (For all students, offering two or three years of preparatory French)

Mademoiselle BIDEAUD.

5, 6. INTRODUCTION TO READING. B

Rapid reading of modern prose and short plays. Outside reading exacted of the pupils with written reports of the books read. (For Sophomores and those having had French 1a and 2a in College.)

Mademoiselle BIDEAUD.

7, 8. ELEMENTARY COMPOSITION. B

Practise in written self-expression together with a study of vocabulary building, letter-writing, etc. (For Juniors. Prerequisite, average grade of 70 per cent in French for the preceding year.)

Assistant Professor HARDÉ.

15, 16. FRENCH LITERATURE OF THE NINETEENTH CENTURY. C

Acquaintance with the great literary movements of the 19th century and a study of the principal novels. (For Juniors. Prerequisite, average grade of 70 per cent in French for the preceding year.)

Assistant Professor HARDRÉ.

17, 18. FRENCH LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES. C

A general survey of the French literature of these two centuries. This course should be taken by students intending to teach French. (For Seniors. Prerequisite, average grade of 75 per cent in French for the preceding year.)

Mademoiselle BIDEAUD.

23. FRENCH POETRY. C

This course deals with the main aspects of poetry in France from the sixteenth century down to the present. Special study of classic verse, and the poets of the 19th century. (For Seniors. Prerequisite, average grade of 75 per cent in French for the preceding year.)

Professor DE VISME.

COURSES FOR THE MASTER'S DEGREE

21, 22. HISTORY OF FRANCE. C

French government and political institutions; social and religious conditions; industries. Special attention paid to the political history of the French since 1815.

Assistant Professor HARDRÉ.

[25, 26. ADVANCED GRAMMAR. C]

A systematic review. Difficult questions of syntax, etc.

31, 32. GEOGRAPHY OF FRANCE. C

This course is a basis for a better understanding of the history and literature of France, French colonies and possessions, commercial expansion, etc.

Madame WILLIAMSON DE VISME.

33, 34. ADVANCED COMPOSITION. C

Practice in writing idiomatic French. A study of synonyms, style and sustained writing.

Madame WILLIAMSON DE VISME.

35, 36. MOLIÈRE, CORNEILLE AND RACINE. C

An intensive study of the works of these three writers. Original work and investigation. Readings, reports, lectures.

Mademoiselle BIDEAUD.

37, 38. LA FONTAINE ET SES FABLES. C

A study of the man and the writer. The Fables are also used as a means for the study of diction and interpretation. (Given in the second semester.)

Professor WILLIAMSON DE VISME.

[39, 40. CONVERSATION AND COMPOSITION. C]

A careful study of vocabulary building, oral narration, dictation, object lesson work.

41, 42. PHONETICS. C

Comparative, analytical and synthetical study of French sounds, with aural, oral and written drills; individual work with the pupils; use of phonograph and piano. The French School will give no recommendation to those who have not taken and passed this course with credit.

Professor WILLIAMSON DE VISME.

NOTE: Seniors intending to teach French after graduation may elect course 41, 42 with the consent of the Dean.

All courses in the French School are conducted in French.

The French School is primarily a training school for teachers of French, originating in the Summer Session, and first continued through the academic year of 1919-1920. Its headquarters is La Maison Française de Middlebury College, formerly Hillcrest, which has been transformed into a characteristic French home for

graduate and advanced students of the language who desire to pursue their study in residence. French alone is the language of the French School. No student will be retained in the School, unless the rule of speaking only French is taken seriously. College students desiring residence there are accommodated so far as the facilities permit. All students who intend to teach French should spend at least one year in residence in La Maison Française. (For rates, see page 89.)

GEOLOGY

Professor SWETT

1. GENERAL GEOLOGY. B

(a) Dynamical: the forces that have shaped and are now shaping the earth's surface. (b) Structural: the structure of the earth's crust and the more important rocks and minerals. Field trips. (Chem. 1-2 or Biol. 1-2.)

2. GENERAL GEOLOGY. B

(c) Historical: the history of the evolution of the earth and of the organic kingdom. (d) Introduction to Economic Geology. Field trips. (Geol. 1.)

3. GENERAL INTRODUCTORY GEOGRAPHY. A

A study of the physical geography of the world, its relation to all life, especially man, and its effect on his material needs, his occupations, his efficiency and his higher needs.

4. ECONOMIC GEOGRAPHY. A

A study of natural resources and the distribution of products and commodities as influenced by geographic conditions. The relation of these resources and their development to man, to the growth of communities and nations, and to industry and trade.

GERMAN

Miss SCHÜLLER

1, 2. BEGINNERS' GERMAN.

Essentials of phonetics, drill in pronunciation and comprehending the spoken language; elements of grammar; reading of simple prose.

1a, 2a. BEGINNERS' GERMAN.

Six hours a week. This course may be elected as two courses each semester and counts six points toward the A. B. or B. S. degree.

3, 4. INTERMEDIATE GERMAN. A

Grammar review; conversation, free reproduction and composition based on texts read; memorizing of idioms; sight reading. (German 1a-2a, or two years of preparatory school German.)

5, 6. MODERN GERMAN PROSE. B

Reading in prose of varied style and subject matter to aid students in acquiring a large working vocabulary; practice in the fundamentals of grammar; outside reading. (German 3-4, or three years of preparatory school German.)

7, 8. THE CLASSIC PERIOD. B

(German 3-4, or three years of preparatory school German.)

[11, 12. NINETEENTH CENTURY LITERATURE. C]

(German 8.)

19, 20. SCIENTIFIC GERMAN. B

(Two years of German or permission.)

GREEK

Professor BURRAGE

13, 14. BEGINNERS' GREEK. A

A course for those who wish to begin Greek in college. The course should fit the student to take up the regular Freshman Greek the following year.

1. COLSON'S GREEK READER AND THE GOSPEL OF MARK. B

(Greek 13-14, or its equivalent.)

2. THE GOSPEL OF MARK; HOMER'S ODYSSEY. B

In the *Odyssey*, the ethical import is kept carefully in view, and the conditions of the life described in the poem are illustrated by a consideration of archaeological discoveries. (Greek 1.)

(*Greek 13-14 or Greek 1-2, or Latin 1-2 is required of A. B. Freshmen.*)

3. EURIPIDES' "IPHIGENIA AMONG THE TAURIANS"; LYRIC POETS. C

Lectures are given on the origin, history, and purpose of the drama. (Greek 1-2.)

4. PLATO'S APOLOGY. C

(Greek 1.)

5. SOPHOCLES AND AESCHYLUS. C

The *Electra* of Sophocles; the *Prometheus* of Aeschylus. (Greek 3.)

6. ARISTOPHANES. C

The *Clouds* and *Birds*. (Greek 3.)

[7. PLATO'S REPUBLIC. C]

(Greek 3-4.)

[8. ARISTOTLE'S ETHICS. C]

Courses 7 and 8 alternate with 5 and 6. They afford students of philosophy and ethics a chance to read in the original tongue the two masterpieces of the two greatest minds of antiquity. The charm of the *Republic* as literature will receive special emphasis. (Greek 7.)

[10. THE GREEK DRAMA IN TRANSLATION.]

This course requires no knowledge of Greek. It lays a foundation for the study of the modern drama. The plays read either have value of their own or have exercised an influence on later writers.

HISTORY

Professor KLINE

Professor HARRINGTON

Professor WHITE*

Assistant Professor HOWES

1. EUROPE SINCE THE SIXTEENTH CENTURY. B

A general survey of European history from the sixteenth century to the present time, aiming to familiarize the student with the great movements which have created modern Europe.

Assistant Professor HOWES.

2. THE FRENCH REVOLUTION AND NAPOLEON. B

The revolutionary and Napoleonic era of European history, with emphasis on institutional changes, the growth of republicanism and of nationalism.

Assistant Professor HOWES.

3, 4. AMERICAN HISTORY. B

A survey of the development of the United States from the time of the English settlements to the close of the Civil War

*On leave.

with special emphasis upon the political and constitutional development.

Professor KLINE.

[5. ENGLISH HISTORY. B]

6. ENGLISH ECONOMIC HISTORY. B

A general survey of English history with special reference to social and economic developments.

Assistant Professor HOWES.

7, 8. NINETEENTH CENTURY EUROPE. B

The history of the European nations from the time of the French Revolution to the present time with emphasis upon the growth of democracy and nationalism, and the expansion of the political authority of Europe in Africa and Asia.

Assistant Professor HOWES.

9. SOCIAL AND ECONOMIC HISTORY OF THE UNITED STATES. C

A general survey of American development to the time of the Civil War with reference to the main features of its economic development, including the influence of geographic environment, the importance of colonial trade, the growth of domestic industries, the development of transportation, the labor problem and slavery.

Professor KLINE.

10. THE UNITED STATES SINCE THE CIVIL WAR. C

This course is a continuation of both History 3-4 and History 9 but may be taken independently. Special emphasis is placed upon the great changes in American society since the Civil War and the historical background of the present problems of the nation. (History 3-4 or History 9.)

Professor KLINE.

11, 12. SEMINAR. C

An intensive study of some limited phase of history for the purpose of affording training in methods of historical re-

search, critical evaluation of sources, and scholarly presentation of the results of historical investigation. (Two C courses; permission of instructor.)

Professor KLINE.

13. MEDIEVAL EUROPE. C

A study of the period from the fall of the Roman Empire to the sixteenth century with special attention to cultural and institutional development. Emphasis upon the use of sources.

Assistant Professor HOWES.

[14. ANCIENT HISTORY. B]

Development of ancient civilization, with special emphasis on Greece and Rome. Much attention is paid to the use of sources, as being of extreme importance in supplying the proper viewpoint and stimulus, especially to those who are to teach ancient history in high schools. (Hist. 1-2.)

Professor WHITE.

15. OLD TESTAMENT PROPHETS. B

A study of the part which the prophets had in the national life of the Hebrew people and in the development of the Hebrew religion. (Hist. 1-2, or permission of instructor.)

A minor in History may be secured by passing History 15-16, Ancient History, and Roman Origins.

Professor HARRINGTON.

16. BEGINNINGS OF CHRISTIANITY. B

An inquiry into the origin of the Christian religion and its development up to the time of Constantine and the Council of Nicæa. (Hist. 1-2, or permission of instructor.)

Professor HARRINGTON.

[18. THE TEACHING OF HISTORY. C]

A course for students who intend to teach history in high school. (Two B courses.)

Professor KLINE.

[19. THE DEVELOPMENT OF MODERN DEMOCRACY. C]

A survey of the political development of modern nations, especially England and the United States, for the purpose of studying the gradual development of democratic institutions. (Two B courses in History or Political Science.)
Professor KLINE.

21, 22. CONTEMPORARY INTERNATIONAL RELATIONS. C

A survey of the field of international relations with special reference to the problems arising out of the World War. (Two B courses)
Professor KLINE.

NOTE. Students desiring to major in this department may arrange with the instructor for special work in connection with courses 3, 4, 5, 6, 7, 8, and 14 which will enable any of them to be counted as of C grade.

HOME ECONOMICS

Assistant Professor DUTTON

Assistant Professor KNAPP

Miss Roy

1, 2. FOOD: ITS SELECTION AND PREPARATION. A

Classification, composition, and function of foods; principles involved in application of heat to food constituents; various processes applied in the preparation of foods; simple meal preparation and serving. Recitations, lectures, and laboratory work.

Laboratory fee, \$8.00 for each semester. Miss Roy.

3. MEAL PLANNING AND SERVING. B

Preservation of foods by means of canning, pickling, preserving, drying and jelly-making; buying of foods; processes in the preparation of foods; planning, serving and computing costs of meals of various types. (H. E. 1-2, Chem. 1-2.)

Laboratory fee, \$8.00. Miss Roy.

4. NUTRITION AND FOOD ECONOMY. C

Nutritive value and place in the diet of foods. Detailed

study of menu planning for different costs and to meet the needs of different types of families and persons. Preparation and serving of formal luncheons to outside guests. (H. E. 3.)

Laboratory fee, \$8.00. Miss Roy.

5, 6. SEWING AND TEXTILES. A

The fundamental stitches; use of drafted and commercial patterns; hand and machine sewing applied to simple garments. In the second semester the history and processes of textile manufactures are taken up, with a study of the quality and cost of materials.

Laboratory fee, \$2.00. Assistant Professor KNAPP.

7. HOUSEHOLD ADMINISTRATION. B

Woman's place in the home and the community; buying, arrangement, and storing of general household supplies; care of the house; domestic service; labor saving devices; division of income and accounting. (H. E. 1.)

Miss Roy.

8. DIETETICS. C

Principles of nutrition; chemistry and physiology of digestion; dietary standards; diets under different conditions; children's diets; school lunches; invalid cookery; detailed work in preparation and cost of balanced meals. (H. E. 3, Biol. 1 or 14, Chem. 21.)

Laboratory fee, \$8.00. Miss Roy.

9. METHODS. C

Methods of teaching Home Economics; planning courses of study; making lesson plans; studies in equipment. This course may be counted toward a major in Pedagogy. (Permission of instructor.)

Assistant Professor KNAPP.

10. MILLINERY. B

Construction and covering of hat frames; the preparation of trimming; the use and renovating of old materials; study of

color, shape, and trimmings; practice in making children's hats; spring and fall hats. (H. E. 5-6.)

Laboratory fee, \$2.00. Assistant Professor KNAPP.

II. ADVANCED SEWING. B

Practice in designing of patterns and draping; design in relation to costume; practice in making garments of wool and silk, separate skirts, and dresses. (H. E. 5-6.)

Laboratory fee, \$2.00. Assistant Professor KNAPP.

12. HOUSE PLANNING AND DECORATION. C

Development of the house; study of house plans; house construction and sanitation; problems of rural houses considered; design as applied to houses; the choosing of appropriate and harmonious furniture; woods and their finishes; period furniture and Oriental rugs. (H. E. 7.)

Assistant Professor KNAPP.

13, 14. PRACTICE HOUSE. C

Practical application of the principles of household management, including budget making and household accounts, planning, buying, preparation, and serving of meals, and care of the house. (Permission of instructor.)

Assistant Professor KNAPP.

LATIN

Professor SANFORD

Professor WHITE*

Mr. FROUNICK

I. LIVY. A

The second Carthaginian war. Translation, direct use of Latin, prose exercises, study of vocabulary, practice in verb forms, and development and use of cases.

Mr. FROUNICK.

(Latin 1-2 or Greek 1-2 or Greek 13-14 is required of A. B. Freshmen.)

*On leave

2. CICERO. A

Selections from the *Letters* and *De Amicitia*. The story of the struggle between Republic and Empire, with the fortunes of Caesar and Cicero as written in the *Letters*. Part of the recitation will be conducted in Latin. (Latin 1.)

Mr. FROUNICK.

3. PLINY THE YOUNGER. B

Selections from the *Letters* are made, presenting a large number of references to life and customs, and intended to bring the student into close touch with the daily life of the Romans. Either this course or Latin 5 is requisite to all of the translation courses following. (Latin 1-2.)

Professor SANFORD.

4. HORACE. B

Selected *Odes* and *Epodes*. Comparison of the odes with the lyrics in Latin, English and other languages. The debt of English poetry to Horace. Very careful preparation of note-books is required. (Latin 3 or 5.)

Professor SANFORD.

5. TACITUS. B

The *Germania* and *Agricola*. Comparison of Tacitus with other writers of his time. A study of the Roman colonial system. The history of the later Empire; the influence of Rome on the northern tribes. Library reading. (Latin 1-2.)

Mr. FROUNICK.

6. SELECTIONS IN PROSE AND VERSE FOR ADVANCED STUDENTS. C

Various text books.

Professor SANFORD.

7. ROMAN COMEDY. C

The translation of the *Captivi* and *Trinummus* of Plautus,

with rapid readings from the *Andria* of Terence and other comedies. (Latin 3, 4, or 5.)
Professor SANFORD.

8. AN HISTORICAL STUDY IN TACITUS. C
Mr. FROUNICK.

11. ADVANCED LATIN PROSE FOR TEACHERS. C
A prominent feature of the course will be the actual use of Latin in conducting many of the class-room exercises. Based on Caesar's Gallic War. (One C Course.)
Mr. FROUNICK.

12. THE TEACHING OF PREPARATORY LATIN. C
A study of methods and authors used, and teaching problems; the necessity of making Latin a live language; quality *versus* quantity; literary appreciation. This course may be counted toward a major in Pedagogy. (One C course.)
Professor SANFORD.

13. ROMAN ORIGINS. C
An outline story of our debt to the Roman nation. A summary of the reasons for the present place of Roman life and Latin in cultural and practical education. No knowledge of the language is required. This course, in combination with History 14 and History 15-16, may be counted toward a minor in History.
Professor SANFORD.

14. OUTLINES OF LATIN LITERATURE. C
Professor SANFORD.

15. ROMAN PHILOSOPHY.
Professor SANFORD.

MATHEMATICS

Professor PERKINS

Professor BONNEY

Miss SCOTT

1. PLANE AND SPHERICAL TRIGONOMETRY. A

This course (or 1b) is required of B. S. Freshmen.

Professor BONNEY and Miss SCOTT.

2. ALGEBRA. A

This course (or 2b) is required of B. S. Freshmen.

Professor BONNEY and Miss SCOTT.

1b, 2b. ELEMENTARY MATHEMATICAL ANALYSIS. A

For students entering with thorough preparation in mathematics; permission of the instructor must be secured. A full year's credit in this course will be counted toward the B. S. requirement in place of 1-2 above.

Professor PERKINS and Miss SCOTT.

3. PLANE ANALYTIC GEOMETRY. B

(Math. 1-2.)

Professor BONNEY.

4. INTRODUCTION TO CALCULUS. B

The two fundamental operations of calculus, together with those applications most commonly encountered in applied mechanics, and the theory of electricity and magnetism. (Math. 1, 2, and 3.)

Professor BONNEY.

3b, 4b. APPLIED MATHEMATICAL ANALYSIS. B

(Math. 1b-2b.)

Professor PERKINS.

5, 6. DIFFERENTIAL AND INTEGRAL CALCULUS. C

A detailed course, taking up the more extended and difficult applications. (Math. 1, 2, 3, 4.)

Professor PERKINS.

[5b, 6b. APPLIED MATHEMATICAL ANALYSIS. C]

A continuation of 3b and 4b.

Professor PERKINS.

15, 16. THE TEACHING OF PREPARATORY MATHEMATICS. C

Consideration of the place and the use of arithmetic, algebra, geometry and trigonometry and the standards to be set in the teaching of these subjects; the collection and arrangement of historical and biographical material to form a background that shall awaken interest in the subject matter; practice in the selection of texts and the laying out of courses; a study of fundamental principles and discussions of methods of presentation and explanation. (Math. 1, 2 and 3 or Math. 1b, 2b, 3b and 4b.)

Professor PERKINS.

19, 20. MODERN GEOMETRY. C

(Math. 1, 2, 3, 4 or Math. 1b, 2b, 3b, 4b.)

Professor PERKINS.

31, 32. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE. C

Fundamental course in the conceptions of modern higher analysis. (Math. 1, 2, 3, 4, 5, 6 or 1b, 2b, 3b, 4b, 5b, 6b.)

Professor PERKINS.

MUSIC

Professor HATHAWAY

Mr. LARSEN

Miss STOOLFIRE

Miss HAYDEN

Miss GAYLOR

1, 2. ELEMENTARY HARMONY. B

The first steps in the study of musical composition and of the analysis of musical works. The course embraces scales

and signatures, triads and their progressions, modulation and suspensions, also the invention and harmonization of melodies and choral writing in four parts.

Professor HATHAWAY.

3, 4. ADVANCED HARMONY AND COUNTERPOINT. C
(Music 1-2.)

Professor HATHAWAY.

5, 6. MUSICAL APPRECIATION. A

This course is designed to develop, without going too deeply into technicalities, the ability to listen to good music. It aims to present, in untechnical language, an account of the evolution of musical art by analysis of the principal musical forms. Lectures on the development of instrumental music and the opera; selections explained and illustrated at the piano and by victrola records; study of the lives of the great composers. No previous technical or theoretical knowledge is required for this course.

Professor HATHAWAY.

7, 8. MUSICAL MASTERPIECES. C

Harmonic and thematic analysis of some of the work of the world's greatest composers. (Music 1-2, 3-4, 5-6.)

Professor HATHAWAY.

PRACTICAL COURSES

9, 10. Individual instruction in the study of the pianoforte.
Professor HATHAWAY, Miss STOOLFIRE and Miss GAYLOR.

11, 12. Individual instruction in the study of the organ.
Professor HATHAWAY.

In the above courses, students may register for one or two lessons each week, but six hours' practice is required weekly.

13, 14. Study of the Violin and Violoncello.
Mr. LARSEN.

15, 16. SINGING.

Private lessons in voice placing, interpretation and repertoire. This course builds and strengthens the voice, develops a beautiful tone and extends the range in many cases several tones. It also helps to keep the student in good physical condition by the correct breathing and the proper use of the muscles of the whole body.

Miss HAYDEN.

17, 18. ORCHESTRAL PLAYING.

Study of orchestral technique and drill in ensemble playing. Weekly rehearsals. One college credit. (Permission of instructor.)

Mr. LARSEN.

The courses in the theory of music (1-8) will receive credit toward a degree and are subject to no additional fee. Practical work in music, taken in connection with the theoretical courses of the department, may be given two hours credit in each year.

The College Choir: The college choir holds two rehearsals weekly and sings at the chapel service each week-day and at the Sunday vesper service. Opportunity is given to study the works of the best composers of sacred music.

Professor HATHAWAY.

Orchestra: Drill in ensemble playing. Open to students of any class without fees. Rehearsals are held once a week. Regularity of attendance is required.

Mr. LARSEN.

The Women's Chorus: Ensemble singing embracing standard classical and modern compositions. This course will be of value to those who desire to assist in music in the public schools, as well as affording valuable singing practice.

Miss HAYDEN.

Charges for Practical Courses in Music

Piano instruction—per semester	
1 lesson weekly	\$32.00
2 lessons weekly	64.00
Daily practice period	8.00
Organ instruction—per semester	32.00
Daily practice period	12.00
Violin instruction—per semester	32.00
Vocal instruction—per semester	
1 lesson weekly	32.00
2 lessons weekly	64.00

PEDAGOGY

Professor HOWARD

Professor KINGSLEY

1. INTRODUCTION TO PSYCHOLOGY. A

An elementary course, the basis of the courses in educational theory and practice that follow. It should be elected by all students intending to teach and as early in their program as is consistent with their other requirements. Pedagogy 1 is introductory to Pedagogy 2, Pedagogy 4, and Philosophy 2.

Professor HOWARD.

2. PRINCIPLES OF EDUCATION. A

A continuation of Pedagogy 1, with special reference to the meaning, bases, aims, methods, and values of education, and the functions of organized schools. (Ped. 1.)

Professor HOWARD.

4. SOCIAL PSYCHOLOGY. B

A study of the forms of human behavior which characterize the group; their relation to social progress, nationality, community and institutional life, and individual development. Application to such educational problems as discipline, socialized method, group activities, community organization. (Ped. 1.)

Professor HOWARD.

5. PRINCIPLES AND PRACTICE OF TEACHING. C

Study of types of teaching, types and functions of recitation, supervised study, collection and use of materials, use of teaching devices, general and special method, technique of instruction, text-book criticism, assignment and presentation of lessons and use of educational literature. (Two B courses in Pedagogy.)

Professor HOWARD.

6. EDUCATIONAL ADMINISTRATION. C

A course designed for students desiring to prepare for work as principals, superintendents, or supervisors. Much emphasis will be placed on the actual practices and achievements in modern school systems, and special attention will be given to the administration of village and rural schools. (A grade of 80 per cent in two B courses and permission.)

Professor HOWARD and Professor KINGSLEY.

7, 8. PROBLEMS OF SECONDARY EDUCATION. THE JUNIOR HIGH SCHOOL. C

The organization and administration of secondary schools. Types of current schools, with their aims, curricula, and management: problems of motivation, discipline, examination, grading, promotion, social hygiene, and utilization of school plant and community life. Special consideration will be given in the second semester to the Junior High School. (Any B course in Pedagogy.)

Professor KINGSLEY.

10. EDUCATIONAL HISTORY AND THEORY. B

The development of the more permanent contributions to educational thought and practice, both in Europe and America, with special reference to the problems of modern democratic society. (Ped. 1-2.)

Professor KINGSLEY.

11. EDUCATIONAL PSYCHOLOGY. C

Innate tendencies and capacities; heredity; individual differences and their significance in education; individual and

group intelligence tests; types and principles of learning; mental training and transfer; mental attitudes; educational tests and their uses. (Ped. 2 or 4.)

Professor HOWARD.

12. MENTAL AND EDUCATIONAL MEASUREMENTS. C

A fairly extended survey of psychological tests as applied to mental and educational capacities. Discussion of the principles underlying the tests and practice in their administration. (Ped. 2 or 4.)

Professor HOWARD.

PHILOSOPHY

Professor HARRINGTON

1. INTRODUCTION TO PHILOSOPHY. A

A natural approach to the problems of Philosophy through a discussion of the common facts of human experience and an analysis of the college curriculum.

2. LOGIC. A

A study of the principles of sound reasoning, with concrete illustrations at every point and practice in the classroom.

5. ETHICS. B

An inquiry as to moral values, especially in their relation to self-realization; much reference to the practical activities and problems of everyday life. (Phil. 1 and 2, or Ped. 1 and Phil. 2.)

6. SOCIAL PHILOSOPHY. B

A study of the foundations on which social relations rest, the modes of association, and the principles of social ethics, with an examination of various ideal schemes of human society from Plato's Republic to the present time. (Phil. 1 and 2, or Ped. 1 and Phil. 2, or Econ. 7.)

7. HISTORY OF PHILOSOPHY. C

A survey of the work of the great thinkers and a tracing of the main currents of philosophic thought. (Phil. 5 or 6).

12. ETHICAL DEVELOPMENT OF MANKIND. C

The course aims at securing some adequate conception of the moral life of the race, particularly as shown in its religious history. (Phil. 5 or 6 or 7.)

NOTE. Special permission may be given, in individual cases, to students to take Phil. 7 or Phil. 12, even if they have not had the prerequisites specified above, provided they have taken in other departments courses of equal grade and of such a nature as to have furnished the necessary preparation.

PHYSICAL EDUCATION

Assistant Professor YOUNG

1W, 2W. PHYSICAL EDUCATION.

A foundation course which includes health talks and required readings; formal floor work with special emphasis on posture; a variety of outdoor games and sports. A physical examination is required and corrective work given if needed.

Required of all Freshmen.

3W, 4W. PLAYGROUND COURSE. A

Designed for those who may wish to do playground work. Study of child nature, functions of play, the playground movement, practical conduct of playgrounds, organization and administration of playgrounds. Laboratory work includes the teaching of story gymnastics, games and folk dances, and the theory of coaching track and competitive sports. Practice teaching in grammar school classes.

5W, 6W. METHODS OF TEACHING PHYSICAL EDUCATION. B

The purposes, aims, and scope of physical education; selection, classification, and progression of gymnastic exercises, including Swedish and German Systems; the methods and values of physical examinations; corrective gymnastic exer-

cises for special defects; practice teaching in grammar and high school. This course may count toward a major in Pedagogy. (Permission of instructor.)

7W. ADVANCED THEORY AND PRACTICE GYMNASTICS
FOR FRESHMEN.

Two hours lecture and one hour laboratory. Physical examinations and fundamentals in first aid and home nursing. Presentation of lesson plans in Physical Education to Normal Training Class in High School. Practice teaching in grades and high school.

PHYSICS

Professor BRYANT

1, 2. GENERAL PHYSICS. A

An introduction to the fundamental principles of general physics. The first semester's work is prerequisite to the second. (Math. 1-2.)

[3. HEAT. B]

The experimental methods that have been used in measuring the various quantities which are connected with this portion of the science are considered in detail. The kinetic theory of matter and thermo-dynamics are among the additional topics studied. (Phys. 1-2.)

4. ELECTRICITY AND MAGNETISM. B

An advanced course covering more thoroughly many of the topics studied in the corresponding work in general physics, together with some additional topics, such as the discharge of electricity through gases, electrons, radio-activity, and wireless telegraphy. (Phys. 1-2.)

5. LIGHT. B

An advanced course for students who wish more knowledge of the subject than can be obtained from general physics.

The laws of reflection and of refraction, with their application to optical instruments; the wave theory of light; the spectrum and its teachings; the phenomena of radiation, absorption, dispersion, interference, and diffraction are some of the topics considered. (Phys. 1-2, Trig.)

7. PHYSICAL MEASUREMENTS. C

Elementary theory and practice of physical manipulation. Laboratory work in the measurements of length, mass, time, velocity, linear and angular acceleration; the verification of the laws of equilibrium of forces; the determination of coefficients of elasticity; the density of solids, liquids and gases; experiments in sound. (Phys. 1-2.)

Laboratory fee, \$5.

8. PHYSICAL MEASUREMENTS. C

Measurements of thermal expansion, specific heat, latent heats of fusion and of evaporation. In electricity, fields of force, electric resistance, electro-motive forces, and strengths of current are measured. The laws of reflection and refraction of light waves and the formation of images by mirrors and lenses are studied, and indices of refraction and lengths of light waves are measured. (Phys. 7.)

Laboratory fee, \$5.

9. ASTRONOMY. C

The celestial sphere; astronomical instruments; determination of latitude, longitude, and time; the earth as an astronomical body; the moon's motions and physical characteristics; the sun's physical characteristics; revelations of the spectroscope; eclipses; planets; comets; stars and nebulae. (Phys. 1-2.)

10. ANALYTIC MECHANICS. C

A discussion of the statics and dynamics of a particle and of a rigid body. Composition and resolution of forces, vectors, center of gravity, work, energy, impulse, moment of inertia, static and kinetic friction. This course may be counted toward a major in Mathematics. (Phys. 1-2, Math. 4.)

POLITICAL SCIENCE

Professor ABBOTT

Professor BONNEY

1. ELEMENTS OF GOVERNMENT. A

The origin and development of states and governments—their forms, functions, and administration. A study of general principles, with illustrations drawn from the institutions of many states.

Professor BONNEY.

1b. THE NATIONAL GOVERNMENT OF THE UNITED STATES. A

This course deals only with our national, or federal, government—the state and city governments being treated in distinct courses.

Professor ABBOTT.

2. STATE GOVERNMENT IN THE UNITED STATES. B

In addition to the structure and operation of our state governments, this course will also cover briefly the functions and methods of local organization in counties and towns.

Professor BONNEY.

3. ENGLISH GOVERNMENT. B

A description and explanation of the present form and practice of the government of England, with a brief survey also of her colonial organizations. (Modern English or European history including England, or Political Science 1 or 1b.)

Professor ABBOTT.

[4. EUROPEAN GOVERNMENTS. B]

The national and, to a slight extent, the local governments of France, Germany, Switzerland, and other European states are studied in this course, with constant comparisons between these and the English and United States systems. (Modern European History and one Political Science course

or two Political Science courses. Not given in 1922-23).
Professor ABBOTT.

5. CONSTITUTIONAL LAW. C

A study of the Constitution of the United States and its interpretation by the Supreme Court. Of special value to all students of United States history and government and to prospective law students. (Two courses in United States History or Political Science 1 or 1b, and 2, 3, or 4.)
Professor ABBOTT.

6. CITY GOVERNMENT IN THE UNITED STATES. B

The various forms, functions, and powers of city governments in the United States—with special emphasis upon recent experiments. (Political Science 1 or 1b.)
Professor ABBOTT.

7. BUSINESS LAW. B

An elementary and practical course in contracts, agency, negotiable instruments, and other law subjects, designed primarily for students who intend to engage in business or in professions other than the law.
Professor ABBOTT.

8. INTERNATIONAL LAW. C

The nature, sources, and development of the rules governing the relations of civilized states in peace and war with careful attention to recent modifications of the same and to questions raised by the Great War. (No prerequisites for Seniors.)
Professor ABBOTT.

10. AMERICAN POLITICAL THEORIES. B

A study of the theories that have played important parts in the development of political forms and governmental policies in the United States, with an introductory view of earlier European theories. A useful course for students specializing in United States history or intending to study law. (Two courses in United States History or Political Science, 1 or 1b.)
Professor ABBOTT.

12. AMERICAN DIPLOMACY. C

This course will outline the history of the diplomatic relations of the United States with other nations and describe the general principles and rules governing the practice of diplomacy in modern times. (Two courses in United States History together with one in Political Science, or two courses in Political Science.)

Professor ABBOTT.

SPANISH

Professor MORENO-LACALLE
Assistant Professor SANJURJO
Miss DE ALDA

1a, 2a. ELEMENTARY SPANISH.

Pronunciation on a phonetic basis; reading of simple Spanish; abundant oral practice based on the reading text; grammar taught inductively; careful vocabulary building; reading of simple selections. Spanish is used as the principal means of communication in the classroom. This course is designed to equip the student with a solid foundation for the more advanced study of spoken and literary Spanish. Six hours a week.

Professor MORENO-LACALLE, Assistant Professor SANJURJO and Miss DE ALDA.

3, 4. SECOND YEAR SPANISH. A

A continuation of oral practice with a review and more extended treatment of grammar; composition, mainly free; letter writing; translation. The subject matter of the texts consists of *realia* of the Spanish-speaking countries, and selections of the best Spanish authors. Outside reading of Spanish newspapers and magazines. Conducted in Spanish. (Spanish 1a-2a or two years of preparatory school Spanish.) Assistant Professor SANJURJO and Miss DE ALDA.

5. HISPANIC REALIA. C

This course is intended to equip the student with a basic knowledge of the geography, history, customs, institutions, industries, and commerce of the Spanish countries, as an essential preparation for the following course in business Spanish correspondence. Oral discussion and composition in the form of letters. Conducted in Spanish. (Spanish 3-4.)
Professor MORENO-LACALLE.

6. BUSINESS SPANISH CORRESPONDENCE. C

Principles of effective letter writing in idiomatic Spanish, also the standards for couching properly a business letter. Practice in Spanish letter writing; general principles of business correspondence; specific types of letters; filing; telegrams, and general principles of Spanish commercial laws. Conducted in Spanish. (Spanish 5.)
Professor MORENO-LACALLE.

7. THE SPANISH NOVEL. C

A survey of the principal Spanish fiction writers of today, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Spanish 3-4.)
Miss DE ALDA.

8. THE SPANISH DRAMA. C

A survey of the principal Spanish playwrights of today, with a special study of their representative works. Oral discussions, and written composition. Conducted in Spanish. (Spanish 7.)
Miss DE ALDA.

9. METHODS OF TEACHING SPANISH. C

Historical review of methods; general and special principles of method; standard methods; the reform movement; the teaching of pronunciation; the teaching of grammar; vocabulary building; planning of courses; lesson plans: selec-

tion of text books; pedagogical principles applied to the teaching of Spanish. Conducted in Spanish. (Permission of instructor.)

Professor MORENO-LACALLE.

10. THE TECHNIQUE OF TEACHING SPANISH GRAMMAR. C

Devices for teaching Spanish grammar; the various types of lessons; questioning; treatment of reading texts; direct-thinking exercises. Conducted in Spanish. (Spanish 9.)

Professor MORENO-LACALLE.

11, 12. GENERAL HISTORY OF SPANISH LITERATURE. C

An introduction to the study of Spanish literature. The aim of the course is to acquaint the student with the main classical books and writers, and the principal literary movements and tendencies from the origins of Spanish literature (XII century) to the latter part of the XIX century.

Assistant Professor SANJURJO.

THE COLLEGE BUILDINGS

OFFICES

THE office of the President is located on the third floor of the Old Chapel. The President may be seen from 10:30 to 12 A.M. every day except Sunday, and consultation by students on any subject is cordially invited.

The offices of the Secretary of the Faculty, the Director of the Summer Session, the Assistant to the President, the Graduate Manager of Athletics, and of the Purchasing Agent are all on the fourth floor of the Old Chapel.

The offices of the Deans are in the north division of Painter Hall.

The office of the Registrar is in Painter Hall, middle division.

The Treasurer of the College has his office in the Battell Block. At the opening of the college year, and again at the beginning of the second semester, the Treasurer establishes a temporary office in one of the College buildings, for the convenience of students in the payment of bills.

The office of the Editor of College Publications is in Painter Hall, middle division.

PAINTER HALL

PAINTER HALL, completed in 1815, is the oldest college building in Vermont, and one of the best examples of colonial architecture in New England. It was first known as West College, but since 1846 has borne the name of Gamaliel Painter, one of the founders of the College and a generous benefactor.

Several of the college offices are now located in this building and the remainder is still devoted to rooms for men.

STARR HALL

STARR HALL was built in 1861 and was rebuilt, after a disastrous fire, in 1865. The funds for its erection were contributed by Charles and Egbert Starr. It is constructed of gray limestone.

OLD CHAPEL

THE OLD CHAPEL is the central structure in the old stone row, built of the same material as Starr and Painter Halls. It is used as a recitation and administration building, with the College Bookstore and Pedagogical Library on the ground floor.

THE EGBERT STARR LIBRARY

THIS beautiful marble building was erected with funds bequeathed by Mr. Egbert Starr, and dedicated in 1900. The cost of the building was \$50,000, to which was added \$5,000 for its decoration and \$5,000 for the purchase of books, by the son of the donor, Dr. M. Allen Starr. The Library contains about 50,000 volumes. Students are granted free access to the shelves. The building is open day and evening, and Sunday afternoon. The reference rooms contain reviews and magazines, and reading rooms with daily and weekly papers are maintained in Hepburn and Pearson Halls. Reference libraries are also provided in the Departments of Pedagogy, Chemistry, Physics, Biology, Drawing, and Greek.

The College is desirous of possessing a complete collection of the publications of Middlebury graduates, and alumni who are authors of either books or pamphlets are requested to co-operate by presenting the Library with copies of their works.

THE WARNER SCIENCE HALL

THE Departments of Physics, Biology, Geology, Drawing and Surveying, and Home Economics are quartered in Warner Science Hall, which was built in 1901 through benefactions of Ezra J. Warner of the Class of 1861. The building is a memorial of his father, Hon. Joseph Warner, formerly a resident of Middlebury and a Trustee of the College. By the will of Mr. Warner the College has received a bequest of \$25,000 for the care and maintenance of the Hall, and for the purchase of supplies for the departments which it accommodates.

THE HALL OF CHEMISTRY

IN September, 1913, the Department of Chemistry was established in the new marble building erected with a portion of the General Education Board fund of \$200,000.

In the basement are the combustion and assay rooms, the organic laboratory, the laboratory for water and milk analysis, the fan room for the extensive flue and ventilation system, a balance room, two dark rooms for photography, and four store rooms.

The second floor provides two large laboratories for qualitative and quantitative work, a private laboratory for research work, a large library and conference room, a hydro-sulphide room connecting with the qualitative

laboratory, two balance rooms, and a store room. On the upper floor are the general chemical laboratory, a large lecture room and a lecture table with hoods, a store room, a balance room, and the private laboratory and office of the head of the department.

The building is equipped with water, air, and gas pipes, and with electricity for light and power. The interior finish is white unglazed brick. The building is located on the college quadrangle, facing the McCullough Gymnasium.

THE MUSEUM OF NATURAL HISTORY

AMONG the professors of the College for many years have been men of marked ability in natural science, who have shared with the institution the fruits of their researches. One of the earliest geological surveys of Vermont was conducted by Professor Charles B. Adams, who then occupied the chair of Natural History. He laid the foundation for the large collection of fossils representing the different geological formations. The work of Professor Henry M. Seely, long connected with the College, is in evidence in the large collection of fossils of the Champlain Valley.

In botany, the complete series of the flowering plants and ferns of the Champlain region, which was collected by President Brainerd, is especially notable. Valuable additions have been made in the higher fungi and other cryptogamous plants gathered by Dr. Edward A. Burt.

The Zoölogical Museum has received accessions from the Smithsonian Institution and from Hon. A. Barton Hepburn of the Class of 1871.

THE McCULLOUGH GYMNASIUM

THE gymnasium erected in 1910 is named from the Hon. John G. McCullough of Bennington. The structure is marble, and the style colonial, like the other buildings of the College. The main floor contains a large exercising room and basket-ball court, with a room for smaller gymnastic classes, which also serves as a stage for dramatic representation. The first floor contains a locker room, abundant shower baths, director's office and examination room, faculty locker room, two handball courts, boxing and fencing room, and quarters for visiting athletic teams. A convenient serving room renders the building available for college banquets.

THE MEAD MEMORIAL CHAPEL

ON May 15, 1914, ex-Governor John A. Mead, of the Class of 1864, signified his desire to erect a chapel for the College. His letter of gift said: "I have in mind a dignified and substantial structure in harmony with the other buildings of the College, and expressive of the simplicity and strength of character for which the inhabitants of this valley and the State of Vermont have always been distinguished."

In accordance with this gift the Mead Memorial Chapel was erected in 1915-16. It is a beautiful white marble structure, colonial in design, of the New England meeting-house type, with a rich and impressive interior. The chancel has accommodations for the Faculty and a student choir. The chapel contains a large pipe organ. In the tower is a chime of eleven bells, the gift of ex-Governor and Mrs. Mead.

THE PORTER HOSPITAL

A GIFT from Mr. William H. Porter for a hospital and infirmary—originally \$50,000—has been augmented to \$115,000. Plans are already under way. The building will be fireproof and well equipped and appointed in every respect.

PEARSONS HALL

PEARSONS HALL, a building for women, was opened at the beginning of the college year in 1911. It is located on a commanding height from which views of the Adirondacks and Green Mountains are obtained. The building is of marble, of colonial design, and contains a large social hall, besides single and double living rooms.

BATTELL COTTAGE

BATTELL COTTAGE, another residence hall for the women, was enlarged in 1910, the addition furnishing the dining hall for the women's residences.

HILLSIDE COTTAGE

HILLSIDE COTTAGE, constructed in the summer of 1913, is located on the campus of the Women's College, not far from Pearsons Hall and Battell Cottage.

HILLCREST

HILLCREST, a recently acquired residence for women across the street from Battell Cottage, was enlarged in 1919, and during the present year further additions have been made to transform it into the Maison Française.

The price of board and room in each building has been \$300 for the current year, payable semi-annually in advance to the Treasurer of the College. Applications for rooms may be made to the Dean of Women, Middlebury College.

ASSIGNMENT OF ROOMS

Women are assigned rooms in Pearsons Hall, Battell Cottage, or Hillside Cottage, if space is available.

All the rooms in the women's dormitories are furnished with single bed, mattress, study table, chiffonier or dresser and chairs for each student. Rugs, necessary bedding and towels are also furnished. All dormitories are heated by steam and lighted by electricity.

In assigning rooms, preference is given to students in College in the order of classes. An assignment of rooms to students in College is made about May first. Incoming students cannot be assigned to particular rooms before August 15. No room can be assigned for a shorter period than one year. All rooms are assigned subject to the regulations of the College as to student residences, and occupants are liable for any damage to their room or its furniture.

Application for a room in a College house together with \$5.00 advance payment for room rent should be made to the Dean of Women. No reservations are made without this deposit. This sum will be refunded if the room is not desired, provided notice of withdrawal is given before August 1st.

Room and board in a private house, approved by the College, may be secured by a limited number of students who cannot be accommodated in the college dormitories. Any student who desires to lodge in a private house should consult the Dean of Women before engaging her room.

ASSIGNMENT OF ROOMS

Women are assigned rooms in Pearson Hall, Bartoll Cottage, or Hillside Cottage, if space is available.

All the rooms in the women's dormitories are furnished with single bed, mattress, study table, chair, dresser and chair for each student. Rugs, necessary bedding and towels are also furnished. All dormitories are heated by steam and lighted by electricity.

In assigning rooms, preference is given to students in College in the order of classes. An assignment of rooms to students in College is made about May first. Incoming students cannot be assigned to particular rooms before August 1st. No room can be assigned for a shorter period than one year. All rooms are assigned subject to the regulations of the College as to student residences, and occupants are liable for any damage to their room or its furniture.

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EXPENSES AND SELF-HELP

EXPENSES

THE location of the College favors economy, its charges are small in comparison with the general cost of living, and the expenses of students should not be large. The following table indicates the principal items:

Tuition	\$150.00
Fee for each extra course	\$15.00
Board and room in Pearsons, Battell, or Hillside	300.00
Gymnasium and Athletic Fee	10.00
Graduation Fee (Seniors only)	11.00
French School (tuition, board, and room)	500.00
Spanish School (tuition, board and room)	500.00

In most of the courses in Biology, Chemistry, Drawing and Surveying, Home Economics and Physics, a laboratory fee is charged, as specified in the descriptions of the courses.

The payment of bills, including room rent, is required at the opening of each semester, before the student enters upon college work. This rule includes the charge for board. On registration, a certificate of payment from the Treasurer's office is required.

From \$600 to \$700 a year should suffice for all expenditures, and by strict economy many students maintain themselves on less.

SELF-HELP

FOR many years Middlebury has been known as a college at which exceptional opportunities are afforded to

students who must depend largely upon their own resources in securing an education. Employment by which the student may earn a part of her expenses can frequently be obtained about the College or in the village, although no definite statement can be made before the student has arrived and her capacity and fitness are determined. While the College can promise nothing to untried candidates, it will help in every way possible all who prove themselves capable and willing. Occupations in which students find employment are waiting on table, washing dishes, and house-duty in the dormitories; waiting on table and light housework in the homes of the village; caring for children in the afternoon or evening; typewriting or clerical work in the College offices; tutoring; acting as monitors; singing in the choir, etc. Applications for work should be made at the office of the Dean of Women.

MEMORIAL LOAN FUND

THE College has just received a gift of \$3,000 from a friend for a student loan fund, to be known as the "Martha Jewett Nash Loan Fund for Women Students of Middlebury College."

The Fund is at present invested at 5%, the interest only to be used for loans. In ten years the amount available for loans should be \$1,500, which amount should steadily increase.

SCHOLARSHIPS

THE College has a generous number of student benefits, many of them given in early years at great self-sacrifice on the part of the donors. The income of these funds is

expended exclusively in payment of the tuition, in part, of needy and deserving students of good deportment and application. When the number of students was much smaller, these funds allowed a somewhat more liberal bestowment of beneficiary aid than is now possible. *It is not expected that those whose circumstances admit the full payment of college bills will apply for college assistance.* It is earnestly desired, however, that, where need requires, those who might not otherwise be able to receive a college education will apply for aid from this source. The College has a long record of special encouragement to those who are obliged to secure an education largely through their own efforts. Correspondence concerning scholarships should be directed to the Dean of Women, who will furnish blanks for applications.

Any scholarship may be forfeited at any time during the course through negligence or misconduct. When a student incurs more than one condition in any semester, or when her passing grade has been raised twice in any course, or once in any two courses, in any semester, because of unexcused delinquencies, the scholarship allowance for that semester is thereby forfeited.

Among the benefits dispensed by the College for women students are the following:

THE EMMA WILLARD SCHOLARSHIP, \$2,000, established in 1895 by the Emma Willard Association, for the benefit of deserving young women.

THE JOSEPH BATTELL SCHOLARSHIPS, \$1,000 annually, for young women of Addison County.

STATE SCHOLARSHIPS

THE College receives from the State of Vermont an annual appropriation of \$7,200 for the payment to the amount of \$120 annually of the tuition and incidental college charges of sixty students, one of whom shall be designated and appointed each year by each Senator in the General Assembly, such appointment to be made for two years by such Senator from his respective county, provided any suitable candidate should apply therefor, otherwise from any county in the state.

Any Vermont student desiring to take advantage of a State scholarship should apply to one of the Senators of the county in which she resides, and the Senator may thereupon give her a certificate of appointment for a period of two years. Should the Senators in the applicant's county already have made appointments, the student should immediately apply to the Dean of the Women's College, as there may be a vacancy from some other county of which the applicant may avail herself. Under the present statutes, each Senator may make one appointment each year, and each scholarship is good for two years.

The same regulations as to forfeiture through misconduct and incurring conditions apply to State scholarships as to student benefits owned by the College.

ADMINISTRATION

COLLEGE REGULATIONS

THE College places in the hands of each student a pamphlet of regulations containing detailed information as to enrollment, attendance, scholarship, examinations, conditions, and student activities.

ENROLLMENT

THE College year begins on the Monday indicated in the calendar, the first three days, Monday, Tuesday, and Wednesday being given to registration and to entrance and condition examinations. Every student is required to enroll at the Registrar's office on one of these days, and on the Thursday, Friday, or Saturday preceding the beginning of the second semester. A charge of \$5.00 will be made for each enrollment after the days assigned.

SCHOLARSHIP

THE scholarship of the students is graded on the scale of 100 per cent, as follows:

A, 90-100 per cent; B, 80-89 per cent; C, 70-79 per cent; D, 60-69 per cent; E, below 60 per cent.

Reports of standing are made twice each semester. At the end of the semester notices of failures are sent to both students and parents.

A student may not count toward graduation more than one course below C grade in any semester.

A student with 24 points to her credit at the beginning of the college year, not including credits received in Physical Education, will be ranked as a Sophomore for that year; one with 54 points, a Junior; one with 84 points, a Senior. At the beginning of the second semester a student who is ranked as a Freshman, but who has 39 points, not including credits received in Physical Education, will be advanced to Sophomore rank; one ranked as a Sophomore, with 69 points, to Junior rank; one as a Junior, with 99 points, to Senior rank. Physical Education 1, 2 may not be counted in determining class ranking though counting toward graduation.

Not more than six credits can be attained by an undergraduate at a Summer Session.

EXAMINATIONS

THE work of all courses is completed each semester by written examinations. A student inexcusably absent from an examination will be conditioned. A student unavoidably absent from college at the time set by the Registrar for taking the examination will be given an opportunity immediately upon her return to college or before the beginning of the corresponding semester of the following year. If she fails to meet this requirement, she must repeat the course with the following class if the subject is a required one.

A student whose term mark in any course falls below 50 per cent is excluded from the examination and must, if the subject is a required one, repeat it with the following class.

A student will be conditioned whose combined recitation and examination mark at the close of a semester is below 60 per cent, or below her passing grade if that has been raised. No student will be allowed to pass whose examination mark is below 50 per cent.

CONDITIONS IN COLLEGE WORK

A STUDENT who fails to pass an examination at the close of the first semester, and is thereby conditioned, is given an opportunity to take another examination either on the first day after the Easter recess, or on such one of the first three days of the next college year as shall be determined by the Registrar.

A student who is conditioned at the close of the second semester may take an examination on such one of the first three days of the next college year as shall be determined by the Registrar, or on the first day after the Christmas recess. In order to take such examination, a request must be made to the Registrar one week in advance. A student must take a make-up examination at the time for which she registers, unless excused by the Dean of Women.

No exception will be made save in the following cases:

1. A Senior may take an examination for each deficiency, or condition, incurred during the Senior year, on the Friday preceding Commencement.

2. If the course in which a student has been conditioned is given in the Summer Session, she may remove the condition by taking that course and passing at its close an examination which will be based upon the regular college course and, if possible, be set by the instructor who imposed the condition.

To remove a condition the average of the term mark and the new examination mark combined in the ratio of three to one must reach 60 per cent.

Any student failing to make up a condition as provided for above must repeat the course with the following class if the subject is a required one, even though, from conflict of hours, or any other cause, it necessitates

for her the temporary omission of some of the regular work of her class.

SPECIAL HONORS

As an incentive to such students as have the ability to do more than should be required of the majority, and to promote and encourage special investigation in the various departments of the curriculum, the Faculty have established a system of honors. These are divided into two classes, Honors and High Honors, and are subject to the following regulations:

1. The candidate must have completed major work in the department in which Honors are sought.
2. Enough more than fifteen hours a week must have been carried in the undergraduate courses to insure to the candidate at graduation a surplus of at least six credits above the credits required for the Bachelor's degree.
3. The requirement of the six extra credits may be met by the fulfillment of work in research or special investigation assigned by the department in which Honors are sought; or by the completion of two C courses in that department, provided that they are of that grade which would be counted for the Master's degree.
4. The attainment of 80 per cent for Honors, or 90 per cent for High Honors, is requisite as an average rank in the courses which have been taken in completing the major work of the department, and also in the special work performed in the attainment of the six extra credits.
5. On the completion of the six extra credits, whether attained in independent investigation or in class-room work, an examination shall be given covering as much of the work of the department which the candidate has taken as shall be deemed necessary, and, at the discretion of the instructor, a thesis may be assigned.
6. If the additional six credits for an Honor be pursued

in class-room courses, these courses must be taken in accordance with the rules regarding extra hours.

7. Credits for Honors may be counted later toward the Master's degree.

These honors will be printed on the Commencement programme and in the next annual Catalogue, and will be certified to, when requested, by a written certificate from the President and the professor of the department, stating the nature and quality of the extra work done.

The degrees of A.B. and B.S. are conferred *cum laude* upon those who have attained an average rank, for the entire course, of 85 to 90 per cent; *magna cum laude* if that rank is 90 to 95 per cent; *summa cum laude* if it is 95 per cent or above.

HONORARY APPOINTMENTS

THE Faculty, under the direction of the Corporation, give the honorary Commencement appointments in college; to the man attaining highest rank, the appointment of Valedictorian, and to the second in rank, the appointment of Salutatorian.

PHI BETA KAPPA

THE Middlebury Chapter of the Phi Beta Kappa Society is the Beta of Vermont. Those of the first one-fifth of the men, and of the first one-fifth of the women, of each graduating class, who have attained an average rank of 87½ per cent for the first seven semesters of the college course are eligible for election to membership.

PRIZES

THE DEACON BOARDMAN PEACE PRIZE. Established in memory of Samuel Ward Boardman (1789-1870). An annual prize of \$30 to the member of the Junior class submitting the best essay in favor of peace, and in opposition to war as a method for settling international differences. The essay must be creditable as a literary composition and consist of at least 2,000 words.

THE LATIN PRIZES. In the Latin Department, recognition is made of excellence in the work of the second semester of the Sophomore year, including the preparation of a note-book exhibiting the debt of English poetry to Horace, by a first prize of \$10, and second and third prizes of photographs of classic art.

THE KELLOGG LATIN-ENGLISH PRIZE. Established by gift of Prof. Brainerd Kellogg, LL.D., Litt.D., of the class of 1858, Trustee, "to encourage Latin and English." The income from \$500 awarded annually to the two best papers in Horace.

GRADUATE WORK

MIDDLEBURY COLLEGE provides courses in many departments for students desiring to pursue a Master's degree. Correspondence should be directed to Professor Myron R. Sanford, Chairman of the Committee on Graduate Work.

The degrees of Master of Arts and of Master of Science may be attained by graduate work completed during the regular college year, or at summer sessions, in accordance with the following regulations:

1. The candidate must have a baccalaureate degree from this College, or from one having an equivalent curriculum.
2. Candidates should register during the first week of either semester, or during the first week of the Summer Session. A renewal of all existing registrations must be made at the beginning of each college year.
3. To obtain the degree of Master of Arts, or of Master of Science, one full year in residence (September to June), occupied in the pursuance of work equivalent to ten courses rated at thirty points will be necessary. This requirement of residence may also be met by an attendance of not less than four Summer Sessions. Not more than eight credits may be secured at a single Summer Session; and not more than six credits in a European Section of the Summer Session.
4. To obtain either of the advanced degrees, twenty out of the required thirty points must be obtained at Middlebury College.
5. Candidates for either degree, after conference with the instructor or instructors interested, shall outline the work intended and the studies desired, and present such outline to the Committee on Graduate Work for its approval.
6. The major work of the candidate must be undertaken in some department, in which there have been completed undergraduate courses of study of such advanced grade, as to satisfy the department of her fitness to enter upon graduate work.
7. One-half of the work (namely, fifteen semester hours, or, at the discretion of the instructor, twenty semester hours) must consist of specially assigned graduate studies and investigations, prescribed by the department in which the major work is undertaken; the remaining half may be pursued in undergraduate courses of C grade recommended by the department in which the major work is taken, and approved by the Committee on Graduate Work. A minimum grade of 80 per cent shall be maintained in all of the courses counting toward the degree.

8. Graduates of Middlebury College who have to their credit work done in undergraduate years, and not counted toward a baccalaureate degree, may count fifteen such credits toward an advanced degree, subject, however, to the provision made for undergraduate courses in Section 7.

9. No credits counted in conferring a first degree at Middlebury College, or elsewhere, shall be accepted for a second degree.

10. The work must be completed within five years after the first registration, unless this period is extended by vote of the Faculty.

11. Besides the regular examinations, the candidate must be examined in the subject chosen for the major study, and, at the discretion of the instructor under whose direction this work is done, may be required to present a thesis.

12. The degree shall be conferred either at the Commencement or at the Summer Session following the completion of the work.

13. The regular tuition fees for undergraduate work are charged. An additional fee of \$15 is required for the final examination and the diploma.

THE GENERAL CATALOGUE

COPIES of the 1915 General Catalogue of Middlebury College are still available. An immense amount of painstaking care went into the preparation of this work. The biographical records since 1900 are entirely new, and those of earlier classes, back to the very beginning of the College, have been brought to date and supplemented wherever possible. The price of the Catalogue, bound in a dark blue cloth uniform with the 1900 edition, is \$1.00, postpaid. Orders should be sent to Editor of College Publications, Room 7, Middle Painter, Middlebury, Vt.

THE ALUMNAE ASSOCIATION

THE officers of the Alumnae Association are: President, Miss Carmen Walker, '11; Vice-President, Mrs. Marguerite Dyer Bosworth, '19; Secretary and Treasurer, Miss Frances Warner, '05; Executive Committee, Mrs. Elizabeth Bowles Harrington, '02, Miss Julia Carter, '13.

THE officers of the Boston Association are: President, L. W. Cluff, '14; Vice-President, Miss Rena I. Bisbee, '00; Secretary and Treasurer, F. A. Hebard, '19; Executive Committee, Miss Harriet I. Cole, '06, R. B. Chalmers, '17, Miss Gertrude E. Cornish, '01.

THE officers of the Western New England Association are: President and General Manager, F. L. Fish.

THE officers of the Worcester County (Mass.) Alumnae Club are: President, Miss Grace M. Ellis, '12; Secretary and Treasurer, Miss Anne F. Smith, '06.

THE officers of the Connecticut Alumni Association are: President, H. C. Tong, '01; Vice-President, H. R. Denison, '14; Secretary and Treasurer, Miss Louise Smeallie, '16; Executive Committee, W. T. Fiske, '09, Miss Ruth R. Baldwin, '20, Miss Helen I. Haugh, '14.

NEEDS OF THE COLLEGE

THE most urgent need is additional endowment for professors' salaries. The General Education Board has pledged \$250,000 for this purpose on condition that \$750,000 additional be secured.

In addition to funds for salaries, the officers of the General Education Board have recommended the erection of buildings and additions to endowment as shown in the following summary taken from their report to the Trustees:

	<i>Minimum</i>	<i>Maximum</i>	
For the Present Enrollment:			
Recitation Hall	\$125,000	\$150,000	
Administration Building	25,000	60,000	
Women's Educational Building		75,000	
Gymnasium for Women		75,000	\$ 360,000
For Increased Enrollment			
Residence Hall for Women	75,000	100,000	
Dining Hall for Women		75,000	
Residence Halls for Men:			
Repairs		20,000	
New Hall	125,000	150,000	345,000
Total for Plant			\$ 705,000
Endowment: For up-keep of new buildings			100,000
For new teachers (present enrollment)			300,000
For new teachers (increased enrollment)			400,000
			\$ 800,000
Total Suggested Sum Needed			\$1,505,000

FORMS FOR BEQUESTS

THE corporate title of Middlebury College is "The President and Fellows of Middlebury College."

The following forms are suggested:

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of _____ dollars, to be used by the Trustees of said College for such purposes and in such manner as they shall deem appropriate.

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of _____ dollars, to be invested by the Trustees of said College, and the income thereof to be applied to the uses of said College in accordance with the terms of its charter.

DEGREES CONFERRED IN 1922

HONORARY DEGREES

DOCTOR OF DIVINITY

Leslie Ernest Sunderland

Glenn William White

DOCTOR OF LAWS

Guy Winfred Bailey

Seward Prosser

Charles Albert Plumley

Albert Henry Wiggin

DOCTOR OF LETTERS

James Rowland Angell

DEGREES IN COURSE

WITH COMMENCEMENT APPOINTMENTS

MASTER OF ARTS

Katharine Duffy, New York University

Marguerite Goodsell, Smith College

Ona Mabel Ladd, '21

Caridad Rodriguez-Castellano, University of Madrid

Bertha Rosenheimer, Bryn Mawr College

BACHELOR OF ARTS

Annie Lucile Baldwin

Anne Augusta Littlefield†^{3 7} ¶

Karen Elizabeth Carlson

Madeline Nicholson McDonald

Hazel Genevieve Chase

Dorothy Helen Mackay

Bernice Katharine Clapp†³ ¶

Ruth Almira Moulton⁶

Ruth Eliza Coolidge†⁹

Florinne Blanche Pratt

Marion Hill Crathern⁴

Kathryn Julia Rogers

Margaret Caroline Dickinson

Alice Genevieve St. Pierre†^{§ 14} ¶

Dorothy Douglas⁴

Mary Jane Sanderson

Beatrice Florence Dumas¹²

Aroline Hathaway Sargent

Rena Claire Dumas

Julia Bernadine Sullivan†⁹ ¶

Kathryn Helen Finnegan⁵

Marion Elizabeth Tilden

Ida Louise Jennings†¹¹

Marion Ellen Willey

Janet Keach

Lila Evetta Winchester† ¶

Helen Marguerite Kilbride

Hilda Elizabeth Woodruff

Alice Evelyn Ladd† ||^{5 8} ¶

Ella Bascom Wright

Degrees Conferred

105

BACHELOR OF SCIENCE

Doris Ashworth	Mildred Evelyn Jenkins† ¹ ¶
Fanny Barnes	Alice May Kirkpatrick†¶
Margaret Irene Billings	Ruth Lillie MacArthur
Madeleine Irene Gaylor	Doris Marguerite Pinney† ²
Amy Ella Goodell† ¹³	Aimee Adora Putnam
Margaret Bell Jenkins	Maybelle Eliza Norma Rice
Elsie Sophia Scott† ¹⁰	

¶Valedictory Honors

§Salutatory Honors

†Degree conferred *magna cum laude*

†Degree conferred *cum laude*

¶Phi Beta Kappa

¹High Honors in Biology

²Honors in Chemistry

³High Honors in English

⁴Honors in English

⁵High Honors in French

⁶Honors in French

⁷High Honors in History

⁸High Honors in Latin

⁹Honors in Latin

¹⁰High Honors in Mathematics

¹¹Honors in Mathematics

¹²Honors in Pedagogy

¹³High Honors in Political Science

¹⁴High Honors in Spanish

PRIZES AWARDED

PRIZES IN HORACE

<i>First Prize</i>	Lillian Helen Dirks, '24
<i>Second Prize</i>	Ruth Eddy, '24
<i>Third Prize</i>	Florence Noble, '24
<i>Fourth Prize</i>	Doris Katherine Upton, '24
<i>Fifth Prize</i>	Helen Crawford Lingham, '24
<i>Sixth Prize</i>	Russell James Pratt, '24
<i>Seventh Prize</i>	Olive Arlene Walters, '24

STUDENTS

(The letter *a* after the name of a student indicates that she is a candidate for the degree of Bachelor of Arts; the letter *s*, that she is a candidate for the degree of Bachelor of Science.)

GRADUATE STUDENTS

Helen Atwood, Goucher College	Baltimore, Md.	Maison Française
Florence Seegar Avery, Ohio Wesleyan University	Delaware, Ohio	Maison Française
Edna Frances Currier, Mount Holyoke College	Littleton, Mass.	Maison Française
Mildred Evelyn Jenkins, '22	Fair Haven	8 Franklin St.
Alice May Ober, Smith College	New York, N. Y.	Maison Française
Alice Anne Ryan, '21	Fair Haven	16 College St.
Elsie Sophia Scott, '22	Greenfield, Mass.	The Gables

SENIORS: CLASS OF 1923

Lulu Helen Abel	<i>a</i> Naugatuck, Ct.	Spanish House
Matilda Fannie Axton	<i>a</i> Washington, D. C.	41 Pearsons Hall
Elsie Josephine Barrell	<i>a</i> White River Junction	23 Pearsons Hall
Beatrice Williams Benedict	<i>a</i> New Haven	13 College St.
Helen Iva Benedict	<i>a</i> Rutherford, N. J.	36 Pearsons Hall
Pearl Elizabeth Blackburn	<i>a</i> Newport	9 Pearsons Hall
Helen Elizabeth Bolton	<i>a</i> Troy, N. Y.	10 Pearsons Hall
Martha Harriette Bolton	<i>a</i> Troy, N. Y.	10 Pearsons Hall
Dorothy Ellen Brainerd	<i>a</i> Middlebury	39 Seminary St.
Barbara Taber Browning	<i>s</i> West Orange, N. J.	36 Pearsons Hall
Marion Charlotte Buffum	<i>a</i> Burlington	Maison Française
Elsie Lois Campbell	<i>s</i> Leominster, Mass.	Hillcrest Cottage
Mary Frances Caswell	<i>a</i> Middlebury	45 Seminary St.
Mary Priscilla Chase	<i>a</i> Rumford, R. I.	33 Pearsons Hall
Florence Gregg Clarke	<i>a</i> Washington, Ct.	35 Pearsons Hall
Vie Sylvia Dole	<i>s</i> Danville	32 Pearsons Hall
Harriet Fitch Fillmore	<i>s</i> Mooers, N. Y.	12 Pearsons Hall
Madeline Hayward Fletcher	<i>a</i> Rutland	66 Main St.
Esther Frost	<i>a</i> St. Johnsbury	12 Pearsons Hall
Mary Katherine Gahagan	<i>a</i> Oxford, Mass.	Hillcrest Cottage
Margaret Elizabeth Graham	<i>a</i> Middlebury	1 Court St.
Merna Grace Hicks	<i>s</i> Ashuelot, N. H.	37 Pearsons Hall
Emily Pond Hobbs	<i>a</i> Worcester, Mass.	31 Pearsons Hall
Eveline Roberts Houghton	<i>a</i> Wallingford	Hillcrest Cottage
Elizabeth McDowell Jacobs	<i>a</i> Wilmington, Del.	11 Pearsons Hall
Mildred Barbara Kienle	<i>a</i> Easthampton, Mass.	26 Pearsons Hall
Daisy Clarke Kimball	<i>a</i> Bellows Falls	Maison Française
Esther Margaret Langwill	<i>a</i> Springfield, Mass.	Maison Française

Margaret Elizabeth Lee	<i>a Easthampton, Mass.</i>	21 Pearsons Hall
Alice Buck Littlefield	<i>a East Walpole, Mass.</i>	The Homestead
Muriel Minturn Long	<i>a Waterbury, Ct.</i>	The Homestead
Mary Ellen Loughrey	<i>a Worcester, Mass.</i>	Hillcrest Cottage
Agnes Marguerite Loukes	<i>a West Rutland</i>	66 Main St.
Cecilia Agnes McDonough	<i>a West Rutland</i>	31 Pearsons Hall
Helen Louise McNulty	<i>s Rutherford, N. J.</i>	20 Pearsons Hall
Reba Veronica Maxfield	<i>a Brandon</i>	35 Pearsons Hall
Dorothy Florence Newton	<i>a Wallingford</i>	4 Pearsons Hall
Mildred Harriette Parkhill	<i>s Cornwall</i>	Maison Française
Dorothy Mitta Parsons	<i>a Southampton, Mass.</i>	Spanish House
Margaret Perry Porter	<i>a Walpole, N. H.</i>	20 Pearsons Hall
Helen Clark Prageman	<i>s Tracy, Ct.</i>	26 Pearsons Hall
Marion Chaffee Prince	<i>s Franklin, Mass.</i>	28 Pearsons Hall
Hazel Oliver Proctor	<i>a Fair Haven</i>	22 Pearsons Hall
Grace Louise Provencher	<i>a Crown Point, N. Y.</i>	9 Franklin St.
Lewmina Rickert	<i>a Barre</i>	13 College St.
Catherine Emma Robbins	<i>s Cornwall</i>	38 Pearsons Hall
Evelyn Blanche Ryle	<i>s Montpelier</i>	34 Pearsons Hall
Beulah Mary Scott	<i>a Greenfield, Mass.</i>	29 Pearsons Hall
Dorothy Belle Slayton	<i>a Montpelier</i>	Maison Française
Mildred Grace Stewart	<i>s Mooers, N. Y.</i>	Spanish House
Barbara Stilphen	<i>a Haverhill, Mass.</i>	The Homestead
Lillian Myrtle Taylor	<i>a Spencer, Mass.</i>	Hillside Cottage
Gladys Rosebell Thompson	<i>a South Ryegate</i>	Maison Française
Charlotte Mae Thorpe	<i>s Brandon</i>	29 Pearsons Hall
Marian Warren Travis	<i>s Roslindale, Mass.</i>	22 Pearsons Hall
Ethelinda Tucker	<i>a Ipswich, Mass.</i>	30 Pearsons Hall
Marion Lucile Turner	<i>s Berlin</i>	38 Pearsons Hall
Helen Caroline Warren	<i>a West Auburn, Mass.</i>	Spanish House
Edith Rosalind Webster	<i>a Litchfield, Ct.</i>	19 Weybridge St.
Edith Margaret Weller	<i>s Brandon</i>	27 Pearsons Hall
Myrtle Gertrude Weller	<i>a Brandon</i>	27 Pearsons Hall
Aura Dickinson Wells	<i>a Leominster, Mass.</i>	21 Pearsons Hall
Mary Elizabeth Williams	<i>a Rutland</i>	The Homestead
Ruth Etta Wright	<i>a Colchester</i>	11 Pearsons Hall
Florence Letitia Yates	<i>a Middlebury</i>	70 Washington St.

JUNIORS: CLASS OF 1924

Adaline Frances Angier	<i>a Walpole, N. H.</i>	25 Pearsons Hall
Martha Eliza Baldwin	<i>s North Stratford, N. H.</i>	16 Battell Cottage
Helen Everett Barksdale	<i>a Sherborn, Mass.</i>	13 Battell Cottage
Emma Ruth Belcher	<i>s Chester</i>	Maison Française
Jessie Jean Bennett	<i>s Manchester</i>	25 Pearsons Hall
Marian Louise Billings	<i>a Walpole, Mass.</i>	8 Battell Cottage
Florence Lillian Bolger	<i>a Springfield, Mass.</i>	Hillcrest Cottage
Margaret Pelton Brown	<i>a Enosburg Falls</i>	Hillcrest Cottage
Helen Gertrude Cleveland	<i>a Greenwich, N. Y.</i>	48 Pearsons Hall

Barbara Allerton Conant	<i>a St. Johnsbury</i>	34 Pearsons Hall
Ruth Cooley Cowles	<i>s Hartford, Ct.</i>	6 Pearsons Hall
Marjorie Emily Currier	<i>s Danville</i>	48 Pearsons Hall
Minnie Amelia Cushman	<i>a Lincoln</i>	Maison Française
Lillian Helen Dirks	<i>a Portsmouth, N. H.</i>	Hillcrest Cottage
Ruth Eddy	<i>a Middlebury</i>	34 Weybridge St.
Helen Rosella Field	<i>a Greenfield, Mass.</i>	Hillcrest Cottage
Norma Winifred Foster	<i>a Greenfield, Mass.</i>	Hillcrest Cottage
Carolyn Julia Griffith	<i>a Danby</i>	Hillside Cottage
Margaret Bradley Harriman	<i>a Middlebury</i>	30 South St.
Grace Tupper Hathaway	<i>a Middlebury</i>	25 Elm St.
Viola Lowessa Holt	<i>s Rochester</i>	11 Battell Cottage
Marjorie Eloise Howard	<i>a Middlebury</i>	55 Seminary St.
Amy May Hunt	<i>a Bellows Falls</i>	4 Battell Cottage
Marion Jeannette Janes	<i>s Worcester, Mass.</i>	The Homestead
Marjory Luella Johnson	<i>s Batavia, N. Y.</i>	12 Battell Cottage
Edith Temple Jones	<i>a Fair Haven</i>	Hillcrest Cottage
Margaret Barbara Keir	<i>s Whitefield, N. H.</i>	8 Battell Cottage
Kathleen Frances Kirby	<i>a Fall River, Mass.</i>	Hillside Cottage
Lillian Vianna Knight	<i>s Torrington, Ct.</i>	Maison Française
Helen Gertrude LaForce	<i>s Schenectady, N. Y.</i>	2 Pearsons Hall
Helen Margaret Leeney	<i>a Waterbury, Ct.</i>	Hillcrest Cottage
Helen Crawford Lingham	<i>a Littleton, Mass.</i>	37 Pearsons Hall
Helen Esther Littlejohn	<i>a Waterbury, Ct.</i>	17 Battell Cottage
Margaret Julie Mahoney	<i>a Worcester, Mass.</i>	22 Battell Cottage
Janice Meredith Mead	<i>s West Rutland</i>	24 Pearsons Hall
Madge Lillian Merritt	<i>a Morrisville</i>	Hillside Cottage
Beatrice Annette Mills	<i>s Middlebury</i>	120 South Main St.
Muriel Morey	<i>s Miami, Fla.</i>	2 Pearsons Hall
Ruth Gardner Nelson	<i>a Granville, N. Y.</i>	Hillside Cottage
Adeline Florence Newman	<i>s Bethel</i>	Hillside Cottage
Florence Noble	<i>a Middlebury</i>	The Heights
Erminie Lucile Ostiguy	<i>a Rutland</i>	Maison Française
Marion Elizabeth Pellett	<i>a Marlboro, Mass.</i>	Hillcrest Cottage
Velma Pilling	<i>a Providence, R. I.</i>	8 South St.
Sadie Ruth Posner	<i>a Waterbury, Ct.</i>	Spanish House
Marion Louise Potts	<i>a Howe's Cave, N. Y.</i>	Spanish House
Ruth Elizabeth Quigley	<i>a Rutland</i>	Hillcrest Cottage
Grace Katharine Regan	<i>a Waterbury, Ct.</i>	Spanish House
Sylvia Anne Riffelmacher	<i>s Springfield, Mass.</i>	Eddy House
Edith Mae Sirica	<i>a Waterbury, Ct.</i>	Spanish House
Emily Louise Sisson	<i>s Schaghticoke, N. Y.</i>	The Homestead
Frances Charlotte Smith	<i>a Fair Haven</i>	14 Battell Cottage
Margaret Louise Stearns	<i>a Conway, Mass.</i>	9 Battell Cottage
Dorothy Victoria Taylor	<i>s Shelburne Falls, Mass.</i>	The Homestead
Helen Aravilla Taylor	<i>a Waterbury, Ct.</i>	Maison Française
Edris Hope Thayer	<i>s Bellows Falls</i>	4 Battell Cottage
Margaret Mary Tomasi	<i>a Barre</i>	24 Pearsons Hall
Edna Patricia Volin	<i>a Pittsfield, Mass.</i>	6 Pearsons Hall

Middlebury College

Wilma Louise Walsh	<i>s Dorset</i>	Hillside Cottage
Olive Arlene Walters	<i>a Rutland</i>	Maison Française
Marion Elizabeth Welcome	<i>s W. Chesterfield, N. H.</i>	32 Pearsons Hall
Anna Elizabeth Wilkinson	<i>a Rutland</i>	Hillcrest Cottage
Geraldine Catherine Wimmett	<i>a Middlebury</i>	30 South St.
Viola Alice Wood	<i>s Wells</i>	10 College St.

SOPHOMORES: CLASS OF 1925

Marguerite Ackley	<i>a Wallingford</i>	45 Pearsons Hall
Sarah Watson Bailey	<i>s Mechanicville, N. Y.</i>	The Homestead
Louise Emeroy Barnard	<i>s Altamont, N. Y.</i>	Eddy House
Olivet Minerva Beckwith	<i>a Unionville, Ct.</i>	Hillside Cottage
Mary Broomell	<i>a Chicago, Ill.</i>	40 Pearsons Hall
Cecile Mary Burns	<i>a Middlebury</i>	Middlebury, R.F.D.
Dorrisica Banks Caswell	<i>s Manchester, N. H.</i>	6 Battell Cottage
Mildred Elvira Clark	<i>s Pittsfield, Mass.</i>	10 Battell Cottage
Ruth Mary Collins	<i>a Middlebury</i>	Maison Française
Phyllis Miriam Crane	<i>s San Diego, Calif.</i>	30 Pearsons Hall
Hazelle Madeleine Dickson	<i>s Milton, N. H.</i>	1 Battell Cottage
Ruth Avis Dodge	<i>a Pawlet</i>	10 Battell Cottage
Helen May Dunz	<i>s Cohoes, N. Y.</i>	46 Pearsons Hall
Marjorie Benson Eames	<i>s Newfane</i>	4 Storrs Ave.
Doris Marcia Eddy	<i>a Derby</i>	The Homestead
Louise Harriet Elmer	<i>a Addison</i>	Eddy House
Ione Pearl Fellows	<i>a Derby Center</i>	3 South St.
Beryle Clements Gaylor	<i>s Cliftondale, Mass.</i>	7 Pearsons Hall
Lucia Goldthorp	<i>s Yonkers, N. Y.</i>	4 Storrs Ave.
Aldura Hatch	<i>a Salt Lake City, Utah</i>	47 Pearsons Hall
Sara Rosalind Higgins	<i>a Conway, Mass.</i>	9 Battell Cottage
Lois Sarah Hodge	<i>s Roxbury, Ct.</i>	Hillside Cottage
Marion Ethel Holcomb	<i>s Bridport</i>	13 College St.
Eunice Logan Hutchison	<i>a Rochester, N. Y.</i>	1 Franklin St.
Dorothy Barker Johnson	<i>a Newburyport, Mass.</i>	3 Storrs Ave.
Agnes Blair Mackay	<i>s Peacham</i>	8 Pearsons Hall
Arline Marsh	<i>a Montvale, N. J.</i>	6 Storrs Ave.
Mary Isabell Marshall	<i>a Rutland</i>	Eddy House
Helen Rose Miller	<i>a Brattleboro</i>	Maison Française
Katharine Mix	<i>s Worcester, Mass.</i>	21 Battell Cottage
Lucy Corinne Newman	<i>s Bethel</i>	Hillside Cottage
Helen Claghorn Newton	<i>s Wallingford</i>	4 Pearsons Hall
Margaret Peck	<i>a Rutland</i>	44 Pearsons Hall
Marian Elizabeth Peterson	<i>a North Craftsbury</i>	2 Shannon St.
Evelyn Stevens Plumley	<i>a Northfield</i>	Eddy House
Edith Lillian Ranquist	<i>a Concord, N. H.</i>	Spanish House
Dorothy Elizabeth Reed	<i>s Collinsville, Ct.</i>	Eddy House
Florence Elizabeth Reed	<i>a Kingston, N. H.</i>	18 Battell Cottage
Dorothy Gage Saltmarsh	<i>a Suncook, N. H.</i>	6 Storrs Ave.
Alice Priscilla Sargent	<i>a Richmond</i>	45 Pearsons Hall

Students

III

Esther Virginia Sargent	<i>a Whiting</i>	Eddy House
Dorothy Mae Scott	<i>a Concord, N. H.</i>	Spanish House
Verna Louise Scott	<i>s Port Chester, N. Y.</i>	Hillside Cottage
Helen Sheldon	<i>a Sharon, Mass.</i>	Hillside Cottage
Katharine Simonds	<i>s Holden, Mass.</i>	Eddy House
Elizabeth Webster Smith	<i>s West Gloucester, Mass.</i>	Hillside Cottage
Esther Margaret Spooner	<i>a Kent, Ct.</i>	Eddy House
Eleanor Margaret Sprague	<i>s Winter Park, Fla.</i>	19 Battell Cottage
Sara Huldah Sterns	<i>s Middlebury</i>	6 High St.
Beatrice Christina Stevens	<i>a Newburyport, Mass.</i>	39 Pearsons Hall
Katherine Frances Stockwell	<i>a Brattleboro</i>	1 Battell Cottage
Helen Bates Stone	<i>a Windsor</i>	28 Pearsons Hall
Isobel Christina Sutherland	<i>a Northfield, Mass.</i>	3 South St.
Christina Frances Tasker	<i>a Wakefield, Mass.</i>	39 Pearsons Hall
Ruth Evelyn Taylor	<i>a Windsor</i>	3 Shannon St.
Georgia Blair Thornton	<i>a West Barnet</i>	8 Pearsons Hall
Dorothy Maude Tillapaugh	<i>a Torrington, Ct.</i>	3 Storrs Ave.
Ruth Tuthill	<i>a Lowell, Mass.</i>	7 Pearsons Hall
Doris Katherine Upton	<i>a No. Leominster, Mass.</i>	9 Pearsons Hall
Lelia May Wallace	<i>a Waterbury</i>	The Homestead
Mary Arnold Weatherhead	<i>s Lee, Mass.</i>	46 Pearsons Hall
Ruth Elizabeth Whitney	<i>a Springfield</i>	47 Pearsons Hall
Marjorie Elizabeth Winter	<i>a New London, Ct.</i>	Hillside Cottage
Marion Miner Wolcott	<i>a Amherst, Mass.</i>	44 Pearsons Hall
Dorothy Janette Woolsey	<i>a Livingston Manor, N.Y.</i>	40 Pearsons Hall

FRESHMEN: CLASS OF 1926

Hazel Alice Abbott	<i>a West Danville</i>	5 Franklin St.
Katherine Abel	<i>s Seymour, Ct.</i>	7 Battell Cottage
Rachel Peirson Barnes	<i>s Richmond, Mass.</i>	13 College St.
Ethel Louise Beaumont	<i>a Waterbury, Ct.</i>	15 Weybridge St.
Marie Dorothee Bellrose	<i>a Rutland</i>	Hillcrest Cottage
Mabel Richards Benedict	<i>a Chatham, N. J.</i>	The Gables
Dorothea May Bliss	<i>a Jersey City, N. J.</i>	The Gables
Blanche Noel Blood	<i>s Topsham</i>	B Pearsons Hall
Frances Adeline Bristol	<i>a Middlebury</i>	56 Court St.
Esther Eastman Brown	<i>s Worcester, Mass.</i>	Hillcrest Cottage
Ruth Cadmus	<i>s New York, N. Y.</i>	The Gables
Edith Carlysle Cartmell	<i>s Middlebury</i>	57 No. Pleasant St.
Helen Roberts Church	<i>a East Shoreham</i>	7 College St.
Bernice Louise Clark	<i>s East Hartford, Ct.</i>	13 College St.
Miriam Gertrude Colby	<i>a Danville, N. H.</i>	8 South St.
Lilah Ruth Cushman	<i>a Lincoln</i>	19 Weybridge St.
Eva Alberta DeCoster	<i>s Basking Ridge, N. J.</i>	2 Battell Cottage
Margaret LuVanne Doty	<i>a Newburgh, N. Y.</i>	3 Shannon St.
Madeleine Boright Dunn	<i>a Swanton</i>	1 Franklin St.
Mary Helen Durick	<i>a Fair Haven</i>	3 Battell Cottage
Margaret Anne Forbes	<i>a Nashua, N. H.</i>	D Pearsons Hall

Middlebury College

Eleanor Frost	<i>s Amherst, Mass.</i>	D Pearsons Hall
Elizabeth Upham Goodale	<i>a Bethel</i>	Hillside Cottage
Mildred Goss	<i>a Barnet</i>	6 Franklin St.
Frances Merinda Harder	<i>a Lake Katrine, N. Y.</i>	A Pearsons Hall
Dorothy Alice Haynes	<i>a Hardwick</i>	Hillside Cottage
Doris Ellen Houston	<i>a Waterbury</i>	121 So. Main St.
Doris Emily Howard	<i>a Piermont, N. H.</i>	11 College St.
Elizabeth Annie Howard	<i>a East Northfield, Mass.</i>	The Gables
Hazel Louise Hughes	<i>a Fair Haven</i>	3 Battell Cottage
Elsie Charlotta Hummel	<i>s Seymour, Ct.</i>	1 Franklin St.
Ruth Margaret Jackson	<i>a Passaic, N. J.</i>	11 Weybridge St.
Elizabeth Kelley	<i>a Reading, Mass.</i>	The Gables
Marion Esther Laughton	<i>a Putney</i>	C Pearsons Hall
Dorothy Fletcher Lear	<i>a Claremont, N. H.</i>	Hillcrest Cottage
Helen Irene Lindquist	<i>s Worcester, Mass.</i>	6 Battell Cottage
Vesta Mary Lovett	<i>a Wallingford, Ct.</i>	11 Weybridge St.
Lucy Howes MacDonald	<i>a Reading, Mass.</i>	24 Battell Cottage
Catherine Matthews	<i>a Rutland</i>	23 Battell Cottage
Ruth Evelyn Mehuron	<i>a Waitsfield</i>	The Gables
Harriett Caroline Miner	<i>a Pownal</i>	The Gables
Esther Franc Montgomery	<i>a North Adams, Mass.</i>	The Gables
Charlotte Moody	<i>a Middlebury</i>	3 South St.
Mary Christine Moore	<i>a Canastota, N. Y.</i>	3 Shannon St.
Viola Sarah Harriet Palmer	<i>a Rutland</i>	8 South St.
Clara Emeline Park	<i>s Colchester, Ct.</i>	The Gables
Mildred Evelyn Partridge	<i>a Winchester, N. H.</i>	The Gables
Ruth Piper	<i>a Laconia, N. H.</i>	8 South St.
Margaret Ellen Prentice	<i>a Winchester, N. H.</i>	The Gables
Lydia Juanita Pritchard	<i>a Fall River, Mass.</i>	121 South St.
Charlotte Raymond	<i>a Fair Haven</i>	Hillcrest Cottage
Dorothy Lucile Simonds	<i>a Gardner, Mass.</i>	3 Shannon St.
Annie Smith	<i>a Worcester, Mass.</i>	11 College St.
Florence May Smith	<i>s Plattsburg, N. Y.</i>	15 Battell Cottage
Margaret Pettit Sturtevant	<i>a Florence, N. J.</i>	8 Franklin St.
Ruth Gibson Sturtevant	<i>a Florence, N. J.</i>	8 Franklin St.
Marion Beulah Swift	<i>s North Hatfield, Mass.</i>	8 Franklin St.
Mabel Towne Thornley	<i>a East Providence, R. I.</i>	7 Battell Cottage
Eunice Vera Tower	<i>a Rutland</i>	11 Weybridge St.
Helen Anderson White	<i>a Amherst, Mass.</i>	11 College St.
Thelma Laurele Wilcox	<i>s North Pownal</i>	The Gables
Mildred Isabelle Williams	<i>a Littleton, N. H.</i>	2 Battell Cottage
Beatrice Winch	<i>a Concord, N. H.</i>	3 Shannon St.
Ada Winchester	<i>s Pawlet</i>	11 College St.
Helen Ames Woodworth	<i>a West Brattleboro</i>	24 Battell Cottage
Constance Wright	<i>a Tenaflly, N. J.</i>	8 Franklin St.

SUMMARY BY CLASSES

Graduate Students	7
Seniors	65
Juniors	64
Sophomores	65
Freshmen	66
Total Women	267
Total Men	271
Summer Session	44 ²
Total	980
Counted Twice	30
Net Total	950

CLASSIFICATION BY COURSES

UNDERGRADUATES ONLY

	<i>Candidates for A.B.</i>	<i>Candidates for B.S.</i>
Seniors	49	16
Juniors	42	22
Sophomores	42	23
Freshmen	50	16
	183	77

GEOGRAPHICAL DISTRIBUTION

UNDERGRADUATES ONLY

Vermont	110
Massachusetts	59
Connecticut	25
New York	23
New Hampshire	22
New Jersey	11
Rhode Island	3
Florida	2
California	1
Delaware	1
District of Columbia	1
Illinois	1
Utah	1
	260

CALENDAR

COLLEGE YEAR 1922-23

SEPTEMBER 25.	College Year begins.
NOVEMBER 30.	Thursday, Thanksgiving.
DECEMBER 20.	Wednesday, 11 A.M. } Christmas
JANUARY 2.	Tuesday } recess.
JANUARY 3.	Wednesday, 8 A. M. College exercises begin.
FEBRUARY 3.	Saturday, First Semester ends.
FEBRUARY 5.	Monday, Second Semester begins.
FEBRUARY 22.	Thursday, Washington's Birthday.
MARCH 30.	Friday, 11 A. M. } Spring Recess.
APRIL 9.	Monday }
APRIL 10.	Tuesday, 8 A. M. College exercises begin.
MAY 10.	Thursday, 12:30 P.M. } Junior Week.
MAY 12.	Saturday }
MAY 30.	Wednesday, Memorial Day.
JUNE 16.	Saturday, Class Day, Alumni Day, Meeting of Phi Beta Kappa Society.
JUNE 17.	Baccalaureate Sunday.
JUNE 18.	Monday, Commencement Day.
JUNE 29.	Friday, French, Spanish and Chemistry Schools open.
JUNE 30.	Saturday, English School opens at Bread Loaf.
JULY 5.	Thursday, Music School opens.

CHAPTER I

The first part of the book is devoted to a general survey of the subject. It begins with a definition of the term "philosophy" and then proceeds to a discussion of the various branches of the subject. The author then turns to a consideration of the history of philosophy, from the ancient Greeks to the modern era. He then discusses the various schools of thought that have developed over the centuries, and finally concludes with a summary of the main points of the book.



